

The Actassi system

Seamless end-to-end network connectivity



Actassi puts all the differences aside!



The best features of our local brands and ranges are now merged into one, complete global system – Actassi.

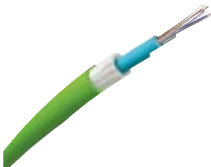
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Enhanced performance, that's the Actassi effect.



Actassi enhances the network performance in offices, data centres, hospitals and schools.

A network set-up never gets better than the way it was planned from the start. That's why the Actassi system includes everything you need, from enclosures and patch panels, to cables and connectors. All are easily integrated with our products to improve accessibility, such as the OptiLine pop-ups and posts. To make it even simpler to select your Actassi system products, we have developed a tool called Digital Rule. It's an intelligent e-catalogue which will facilitate your choices and ensure an error-free specification of the total Actassi system. The application is easy to use and easy to update.



Your skills



Our skills and innovations



Connectivity to the power of you!

By choosing Actassi, which is integrated with all other Schneider Electric solutions, your skills will be greatly empowered. Designed for, and in cooperation with installers and IT professionals our network connectivity solutions combine all areas of expertise, allowing you to make the most of your networks.

Superior usability

By constructing a complete system, we have made sure that there will never be incompatible differences in-between parts. But as an installer, we believe you would like to know the specifics. Let's take a closer look at some less visible Actassi advantages!



Actassi system

With innovations such as the S-One connector, the sliding 19" patch panels and the CL-MX cable, Actassi allows you to work faster. Installation time will be decreased by up to 20 %, still high-performing network cabling is assured.



The fast and trouble-free Actassi S-One connector

The One-piece RJ45 connector is tool-less to open and close. Advantages such as the colour coding, smart bridle, U-shaped cable entry and automatic 360° earthing allow you to connect up to 50 % faster. A cutting plier is all the tooling you need. Actassi S-One is designed by Schneider Electric, manufactured in our state-of-the-art factory in Denmark and is fully compliant with the latest standard ISO/IEC 11801: 2011 Ed2.2.



The high-performance CL-MX cable

A new and innovative shielded Cat 6_A cable with 3 times faster installation and a superior transfer impedance performance. The secret is the patented single-foil metallic crossfiller that brings 3x shielding, improved EMC and less cutting operations.



The pre-equipped 19" panels

The Actassi 19" patch panels with sliding and quick-fix function, automatic earthing, quick-release button and rear cable identification will delight any professional.



Actassi VDS allows airflow of 80 %

The new Actassi enclosure for server applications is very robust and can be mounted with up to 750 kg of 19" components. The micro-perforated door ensures superior air circulation. Cable entries at the sides enable ergonomic installations.



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The new Actassi CL-MX cable has a patented metallic crossfiller for better link performance and less installation operations. No need of separation distance to power cabling and no need of ANEXT field testing.

Actassi helps you get more jobs done by speeding up each task.

1



Install seamless end-to-end connectivity

Actassi includes everything needed to install and operate network connections simply and intuitively. Technical innovations and ergonomic features exceeding the demands of end-users and installers, enhance productivity in every workplace.



Actassi is easy to specify, install, use and upgrade. Together with our OptiLine installation system you will have a very flexible network access.



Actassi 19" Enclosures

A complete range of products including all sizes of enclosures, from 6 units to 47 units with different widths, depths and compositions.



Quick Fix

Our 19" panels are all equipped with the Quick Fix function, allowing simple, firm and convenient installation and maintenance.



Actassi 19" Panels

Sliding function, automatic earthing, quick-release button and rear cable identification make the Actassi 19" panel a delight to install.



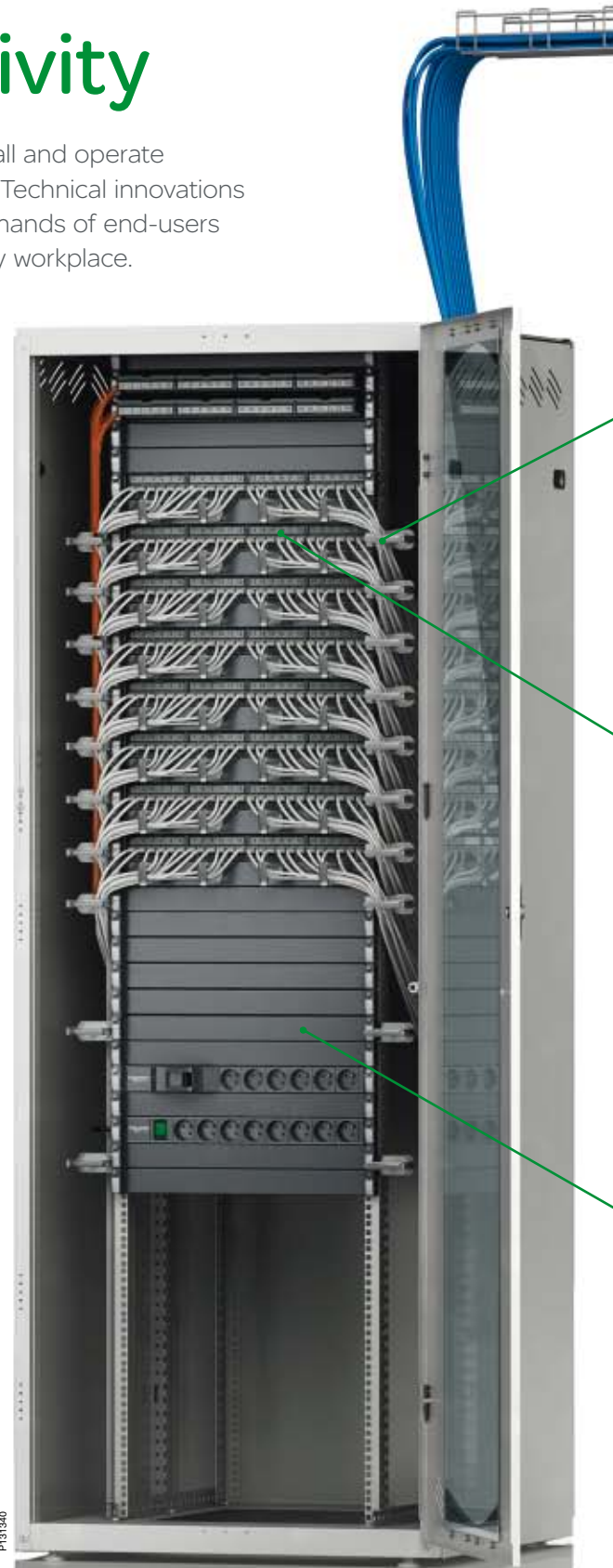
CL-MX cable

The new Actassi CL-MX cable has a patented metallic crossfiller which brings 3x shielding and superior EMC. Still it's 3 times faster to install!



Actassi S-One – Twice as fast

The new Actassi S-One RJ45 connector, with features like the smart bridle, is up to 50 % faster to connect than most other connectors.



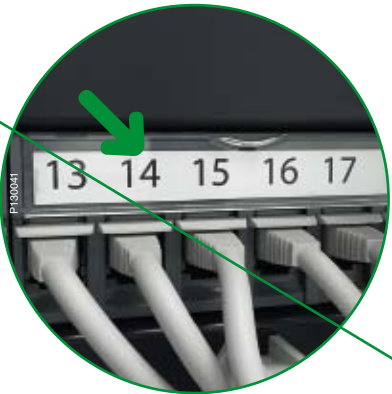
OptiLine
Consolidation point

Performa
Mesh trays



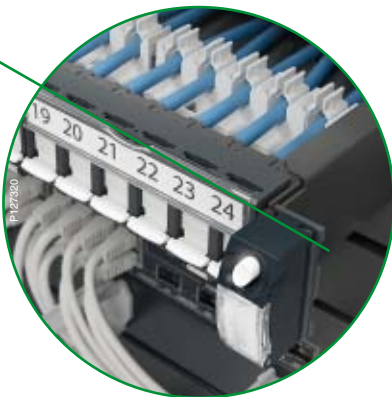
Cable management for perfectionists

Every cord and cable is easily fixed and fastened in its designated place.



Clear marking

Both patch panels and connector face plates are equipped with a system for clear marking.



Expand in no time

The patch panels are pre-equipped and have benefits such as the Quick Fix and a convenient sliding function.



Altira

The Altira range contains all the functions and finishes you need to make a complete and stylish installation.



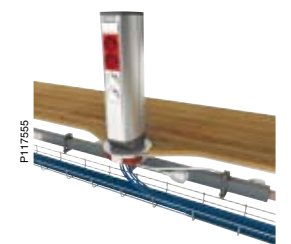
Wall installation

The OptiLine trunking makes tele, data and power easily and elegantly accessible.



Table installation

Increase function, technology and design by providing network and power access for complete flexibility.



Floor installation

For a truly flexible solution, use our two-sided post. It's equipped with a fixing for the innovative floor grommet, enabling easy future adjustments.

Complete peace of mind

Did you connect the right wire? Did you remember earthing? With Actassi you never have to worry again. The shielded connectors have an automatic 360° earthing, so you will save time and provide safe installations simultaneously. But security isn't only a built-in feature in products. It's also a philosophy that has governed the way we have designed the Actassi support services and warranties.



We offer comprehensive training programmes as well as extensive warranties.



You will get it right, intuitively



Actassi system warranty covers the complete network, from the technical room to the workstation. Ask your local Schneider Electric sales office for detailed information on the warranties and support resources in your country.

Actassi is built on intuitive installation technology, making it very hard to fail. But if there are any uncertainties, don't hesitate to call your local support services. They are happy to answer your questions. And if there is something you would like to excel at, you are always welcome to join our training programmes.

Certified standard and global accessibility

All Actassi products are certified to the highest standards by a third party. Several products actually exceed international standards to give you true top-class performance and reliable connectivity. Our worldwide presence and well-known distribution partners also ensure both global and local access to our products and services.



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The Digital Rule helps you select products

Do you find it hard to select RJ45 connectors, patch panels, cables and enclosures? Visit schneider-electric.com and try our Digital Rule. It's an intelligent online e-catalogue which will facilitate your choices and ensure an error-free specification.



OptiLine makes power and the Actassi network accessible with style

Why not go all the way to increase function, technology and good design at the office? The OptiLine installation system leads power and IT from the source and is as easy to extend and adapt, as to use.

The OptiLine installation system is built to save all kinds of energy. The product range consists of post, poles, pop-ups, boxes and trunking, enabling elegant access everywhere. Power, telecom and data are easily supplied to every workplace and accessible through elegant wiring devices and outlets.

Make the entire installation complete with KNX energy control. This range provides comfortable adjustments of room temperature, ventilation, light, roller blinds and other conveniences through presence detectors and a central touch panel. The OptiLine installation system, monitored by the KNX energy control, is a future-proof investment.



Environment in focus

Energetic and environmental responsibility lies at the core of Schneider Electric culture and strategy. We strive to reduce the environmental impact of our products throughout their entire life-cycle, particularly through eco-design and eco-production.



Actassi is compliant with RoHS, the REACH European directives and PEP Eco passport. Product Environmental Profile available on request.



Actassi CL-MX cables is one example of Eco-design. Halogen-free, flame or fire retardant. In case of fire, the result of using Actassi CL-MX is the reduction of the emissions of opaque smoke and acid gases. Thus, it helps reducing damages to equipment and allows people to escape from the building more easily.

Eco-design

The European Union enacted an Energy using Products (EuP) framework directive in 2005 (directive on the eco-design of products) which seeks to promote eco-design approaches in priority sectors, or even to specify the aims of impacts for some products.

Although Schneider Electric's supply is outside of the EuP target, it generalises the eco-design approach to all its developmental activities and undertakes to communicate the environmental features of its products through Product Environmental Profiles (PEPs)

Product Environmental Profile

For each product Schneider Electric undertakes to publish a Product Environmental Profile (PEP). It provides customers with information on their environmental performances during their life cycle as well as the best treatment solutions at the end of their life. To ensure transparency and the validity of the data, it complies with ISO 14025 in an inter-professional programme which sets shared calculation and drafting rules for publishing the environmental impacts of products.



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A short Actassi summary

Here is a short summary for you: Actassi is Schneider Electric's new global state-of-the-art range for networking and connectivity infrastructure solutions, created for buildings and data centres. It consists of the best performing features from local Schneider Electric brands such as LexCom, Infraplus, Clipsal Datacomms, Sarel and Himel. To be able to offer every installer around the world, the best-of-the-best solutions, we have created ONE single system; Actassi.



Searching for a smaller sized home solution? LexCom Home should be your choice. You'll get data, TV and telephone in all rooms, and even access to all medias at the same time from the same outlet.

All products are designed to give superior usability and performance. They exceed the most advanced international standards, such as ISO/IEC 11801: 2011 Ed2.2 for the new S-One connector. All S-One connectors are manufactured to provide exceptional Cat 5e, Cat 6 and Cat 6_A performance for shielded and unshielded data networks.

Furthermore Actassi is fully integrated with a wide range of other Schneider Electric solutions and products, such as the Total Office Performance system including products to create a true organic office – read more on page 14-15.

The Actassi system consists of a comprehensive set of products:

- Connectors for Cat 5e, Cat 6 and Cat 6_A performance
- Cross-connect panels
- Copper and fibre optic LAN cables
- Patch cords and connecting hardware
- Cabling and server enclosures



Actassi is a part of the TOP system

By now you know that Actassi is the smartest way to create reliable and high-performing network connectivity. So let's add some more interesting facts to that piece of information; Actassi is also part of our Total Office Performance system. Just like in a human body, it's the interaction between these parts that creates the organic quality of the complete system.



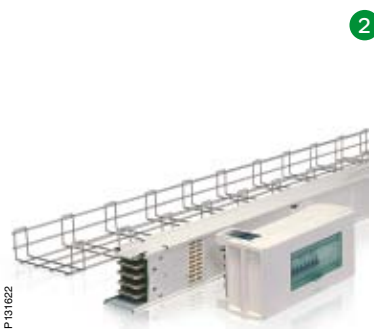
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Connectivity Actassi

Network connectivity is as essential for a modern office as the signal substances are for your body's inner communication. Actassi is as intuitive, fast and reliable.

P128208



Infrastructure Canalis / Performa

Canalis busbars and Performa mesh trays are the bone structure which distributes power and network throughout the office building.

P131622



Installation system OptiLine

OptiLine is to power and networks what your veins are to your blood circulation; Flexible, extensive, reaching into every corner.

P118456



4



P126284

Life Space Management Uniq / Roombox

Uniq, Roombox and KNX provides convenient building control and energy management. All functions for LifeSpace Management are monitored from one single source.

5



P130067

Safety and Security Dardo / Twinbus

Finally your office needs eyes, ears and senses. Twinbus is the vigilant door entry system and Dardo and Exiway provides all the safety you need with its signs and alarms.

6



P161633

Wiring devices Altira

This is the office building's skin, containing great functions and presenting them in style.

Actassi 19" patch panels

The Actassi 19" panels are indeed an installer's delight! They are innovative, simple and efficient. They are also part of the global Actassi product portfolio for Network Connectivity including connectors, cables and enclosures. Actassi is also a vital component of TOP – the Total Office Performance system – making workspaces energy efficient, flexible and comfortable. TOP includes everything from power and data distribution, to safety systems and lifespace controls. So, when you choose Actassi you'll get superior usability and a truly seamless end-to-end connectivity.



P110158

Making professional IT and network installations easy

1



P111569

All Actassi panels are equipped with the smart and innovative Quick Fix function.

Now, furnishing or maintaining our 19" racks with panels couldn't be done easier or faster. Actassi panels are all equipped with the Quick Fix function, a mechanism mounted at each side of the 1U panel, which helps them to be quickly opened.



P111437

A panel for every need

We've got panels for fibre optic, data and telecom. They have all been developed with two words in focus - easy and smart. Some examples; Quick Fix function, sliding panels, clear marking and easy cable management. The fibre optic panels also have a highly developed

protection against dust. And the best of it all, the panels are also available pre-equipped, to make your ordering and installation as simple as possible. Of course power panels are also part of our offer.



P111548

Quick Fix

Just press the button and the panel smoothly slides out. Other Quick Fix secrets are the guiding fingers and the pre-mounted screws. The integrated label holder gives the panel a unique identity.



P1110643

Homogeneous design

Actassi is not only a high quality system, it also looks good! The appearance is really professional since we have kept the same aesthetics for the whole range.



P1110642

Future proof

All Actassi products are part of our modular offer for creating a professional IT and network environment. The robust design, construction and high-quality materials are other long-lasting guarantees. That's why the Actassi products are future proof.



P1110644

Good overview

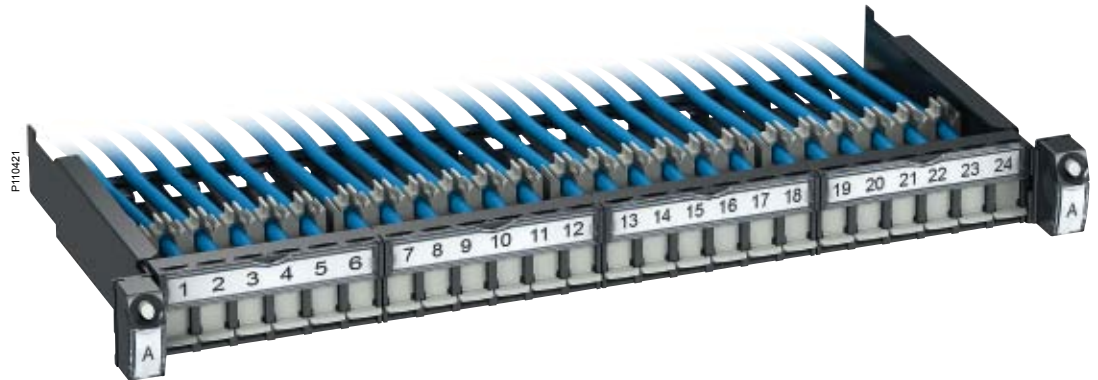
The transparent front lids and the top cover protect the patchcords and fibres, and give a clear visibility of the inside.

Actassi data panels

The data panels contain a front configuration for 24 RJ45 connectors. All panels have the smart Quick Fix function. They are also available pre-equipped with connectors, shutters, label holders and a rear cable organizer. We try to make your life as easy as possible.

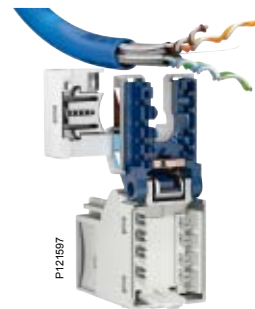


The data panel is available pre-equipped with the innovative S-One connectors.



Sliding helps installation

Maintenance and extensions are smoothly performed with the help of the Quick Fix sliding function.



Actassi S-One

The connectors are a one-piece design for very fast and reliable wiring. Actassi S-One exceeds component hardware certification for standards like ISO/IEC 11801: 2011 Ed2.2 for Cat 6_A, ensuring optimized network performance.



Cable management

Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



Rear position numbers

Keeping track of each RJ45 could sometimes be very hard. Actassi is changing all of that! The cable numbers at the rear correspond to those at the front, simplifying installation and maintenance from both sides of the rack.



Automatic earthing

An automatic earthing for FTP/STP versions is integrated in the panel.



Clear front marking

Each panel plate has an openable label holder. Print your own labels or use the included versions with pre-printed port numbers. Each shutter can also be colour coded for quick identification in both open and closed positions.

Actassi flat high-density panels

The new Actassi 19" flat data panel with connectors placed at an angle gives a new dimension to high density – the panels can be mounted directly on top of each other, with no need of intermediate guiding panels. They are available empty without connectors or equipped with Cat 6_A STP connectors.

1



Quick Fix function
The panels are equipped with a Quick Fix function for a fast installation.



The flat data panel contains a configuration for 24 RJ45 connectors with a clear marking both at the front and at the rear. The panels are easy to install thanks to the front access and the Quick Fix function. Use the vertical side rings for vertical management of the patch cords. Other features are the removable cable manager at the rear, the panel identification label and the hinged central label holder.



Vertical side rings
Vertical side rings and connectors at an angle give a true high density installation. The overhead patching frame saves space in the enclosure below.



Connectors at an angle
Connectors placed at an angle combined with front access simplify installation work.



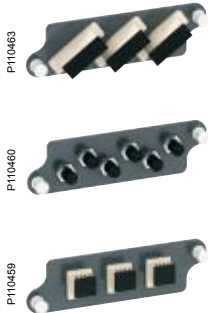
Clear front marking
Large identification labels for easy readability from ground level.



Cable management
The cable manager can be folded or removed. Hooks for cable ties for extra safety.

Actassi fibre optic panels

A simple all-in-one concept, pre-equipped with for example Quick Fix function, coiling wheels and cable glands. It has a capacity of 24 fibres and has transparent lids for protection and a clear visibility of the inside. Can hold up to 4 cover plates, and since it is delivered with 3 blank plates, the choice is open for the fourth to be used according to your needs. The cover plates are available in empty and pre-equipped versions with adapters.

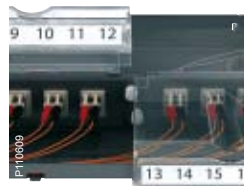


To match your fibre optic panel we have developed a range of pre-equipped coverplates. It's a time-saving, safer and smarter way to work with your installations.



Coiling wheels

The panel contains wheels to keep the fibres in place and to avoid tension on the connectors. This will also give a correct bending radius and more space for excess lengths of the fibres.



Excellent protection

The transparent covers give both protection and overview. The front covers can be opened for quick access and the top cover is easily removed.



Clear marking

Since the marking is very clear, identifying the cable you are looking for will never be a problem.



Integrated guiding panel

A patchcord guiding panel, with smoothly shaped edges to protect the cords, is integrated in the panel. So there is no need to add a separate guiding panel that would take another 1U space.



Rear quick fixation

A quick-fixation system is provided for the cables at the rear. Use the provided 16 mm glands for cables. If a 21mm gland (not provided) is needed, just remove the rear plastic support and fix the gland directly in the cable entry. Quick and easy!



Sliding function

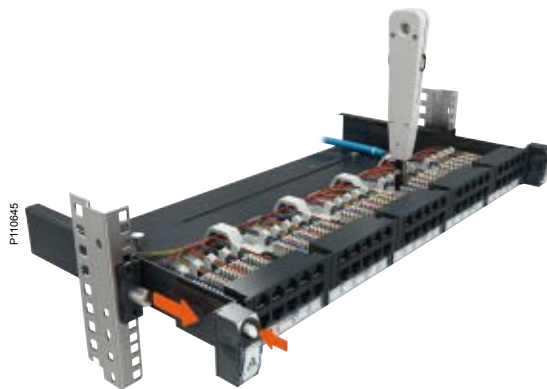
The panel can be slid or completely removed for a more convenient working position.



Actassi telecom panels

The smart and high capacity 19" telecom patch panel provides up to 50 connections. Very easy fixation of the panel thanks to the Quick Fix function with guiding fingers and pre-mounted screws. The label holders are easily opened without using any tool.

1



Exceptional robustness

The sliding function does not deteriorate the stability. As a proof you can use the punch down tool for LSA contacts with the panel in a sliding-out position. You don't need to remove it from the rack first!



Punch down tool

This is the punch down tool for LSA contacts, to be used for telecom cable connections.



Cable identification

No need trying to figure out which cable goes where. The cable identification is very clear on the clever fixing guides.



Safe and easy earthing

The panel has two earthing connection points for both shielded cables and for the rack, easily accessible at the rear.



Clear marking

The telecom panel comes with pre-printed labels and openable label holders.

Power panels and accessories

The Actassi system also includes a range of power panels and smart accessories for improved cable management. The power panels are available in several versions, for example with a protected light switch and overvoltage protection. The innovative patchcords guiding panel is equipped with four openable rings, managing up to 48 cords.



Power panel

With Quick Fix function and 3 m of power cord. Several versions, for example with protected circuit breaker/earth leakage.



Brush and blank panel

Brush guiding panel. Blank panel instead of an empty gap in the rack.



Guiding panels for patch cords

The 1U panel manages 24 cords, and 2U panel 48 cords. Easily opened but still safe, since a clever device prevents cords from falling out. Also possible to pull out only one cord if needed.



Side rings for rack 800x800

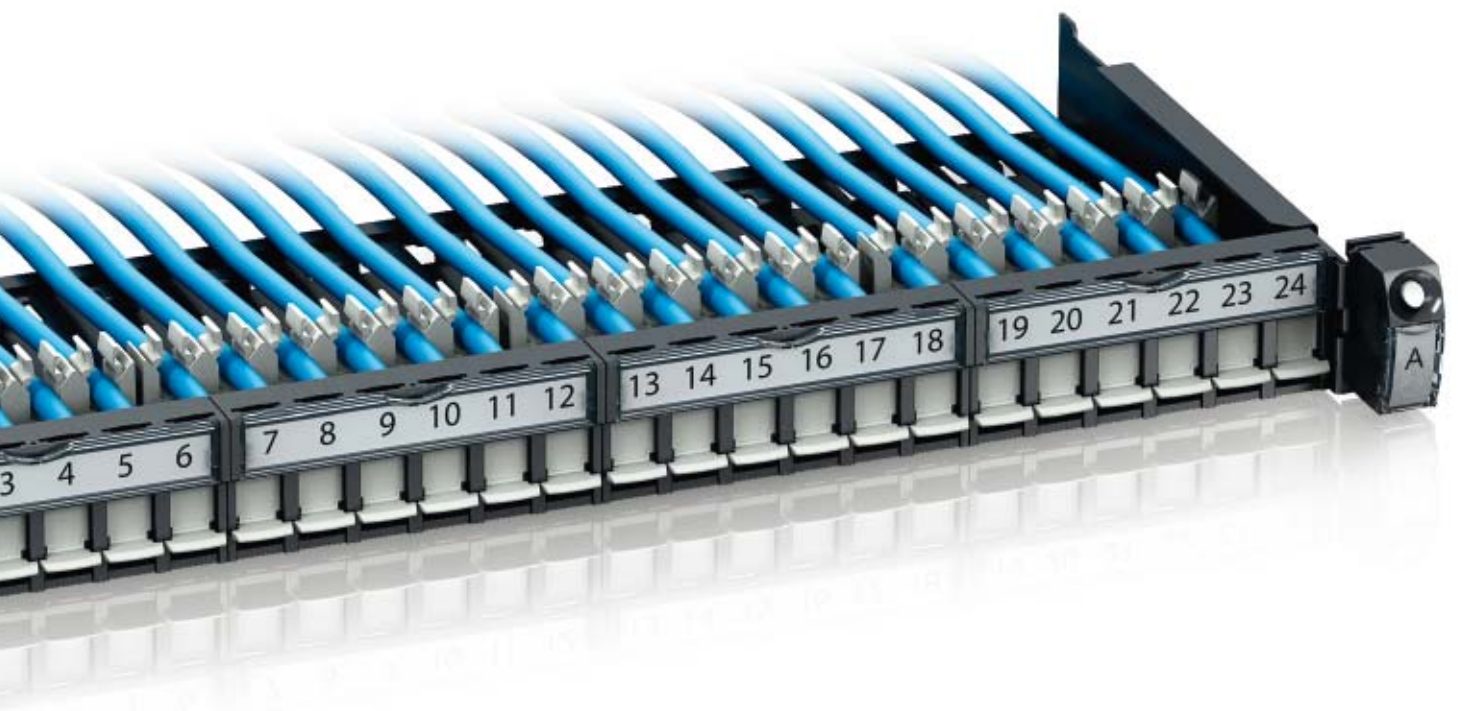
Rings for vertical management of up to 48 patch cords, attached to each side of the guiding panel (or any panel with Quick Fix). Available for 1U and 2U.



Vertical rings for rack 600x600

For the 600x600 racks, use the smaller tie up devices to keep your installations in neat order.





Actassi Copper solution

Connectors

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S-One DPM RJ45 connectors 36

S-110 RJ45 connectors 39

Cables

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Actassi S-One RJ45 connectors

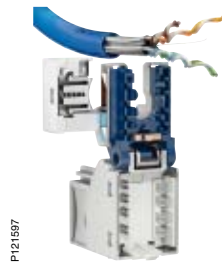


Actassi S-One with one-piece design for faster and safer installations

Without any loose parts the Actassi S-One connector is more compact, easier to handle and up to 50 % faster to connect. The connector is delivered open, ready to connect. It has an automatic 360° cable earthing, a simple locking termination and a very smart locking function. The robust one-piece design is suitable for all applications, and in the Actassi S-One range you'll find both shielded and unshielded connectors of all categories.

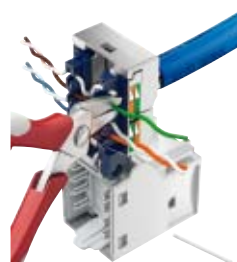


PoE+
The Actassi S-One connector is now certified and fully compliant with the PoE+ standards by Delta, allowing transport of up to 30 W in the data cable.



Ready...

S-One is delivered open. Just insert the cable in the central U-shaped entry.



Steady...

Close the smart bridge – it will automatically lock the cable and provide 360° earthing.



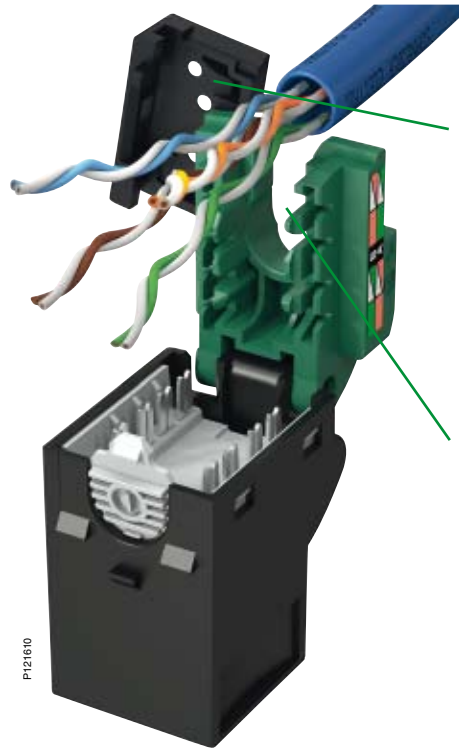
Done.

Shut the connector. A “click” confirms that it's locked into its firm and reliable position.

Actassi S-One benefits

U-shaped cable entry with a smart bridle

Despite being compact in size, the connector has enough space inside for your work. All functions are designed to ease your installation.



Smart bridle with elastomer insert for cable locking reduces risk of damaging cables.

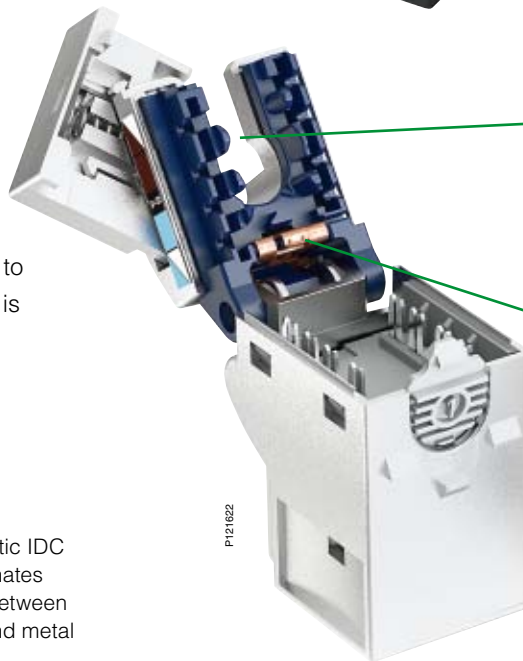
U-shaped cable entry. Easy access for all cables.



Central cable entry for optimized performance.

Safe and automatic 360° earthing

Actassi S-One easily provides automatic earthing without any tools.



Automatic 360° earthing with spring-loaded locking and earthing bridle.



Integrated earth-drain contact provides double earthing.

Protected IDC

With Actassi S-One it's nearly impossible to damage cables or fingers, since the IDC is concealed in a cavity.



Insulated plastic IDC housing eliminates short-circuit between conductors and metal body.

Ergonomic design



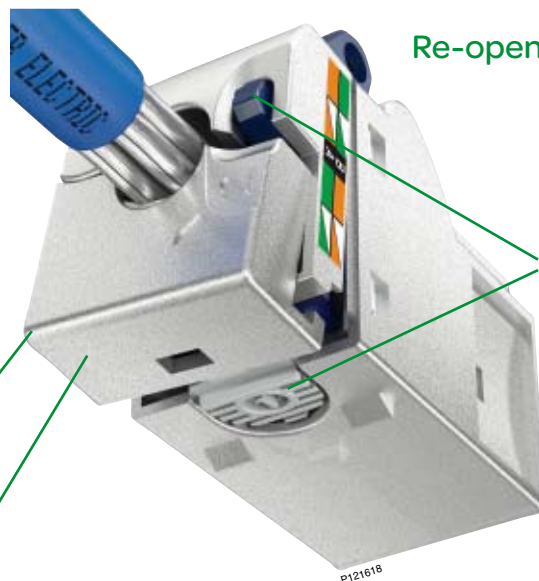
Installing shouldn't be painful! So in the Actassi S-One range it isn't.

Bridle with elastomer insert (unshielded) for convenient locking and soft touch.

Smooth design with rounded edges.

Touch-friendly materials.

Re-open in two clicks



You can hear the Actassi S-One opening and closing.

Quick-release buttons for tool-less re-opening.

Reduced risk of damaging connections.

Re-close with a simple click-click.



Actassi S-One is colour-coded

The Actassi S-One wire organizers are colour-coded to make performance identification safer and easier. Both shielded and unshielded connectors are coded according to the same system. Dark blue for Cat 6_A, light blue for Cat 6 and green for Cat 5e.

Practical eco-box

- Box of 12 connectors.
- Connectors delivered open, ready to connect.
- Cardboard package for easy recycling.

Integrated hook for the 19" rack.



Shielded

The shielded Actassi S-One connectors have two very time saving and safe features. It's the spring-loaded bridle for locking and automatic 360° earthing, and the integrated earth drain contact, which provides efficient double earthing.

Unshielded

The unshielded Actassi S-One connectors have a smooth feel. The design promotes safety and comfort by its finely contoured shape, edges and elastomer insert.



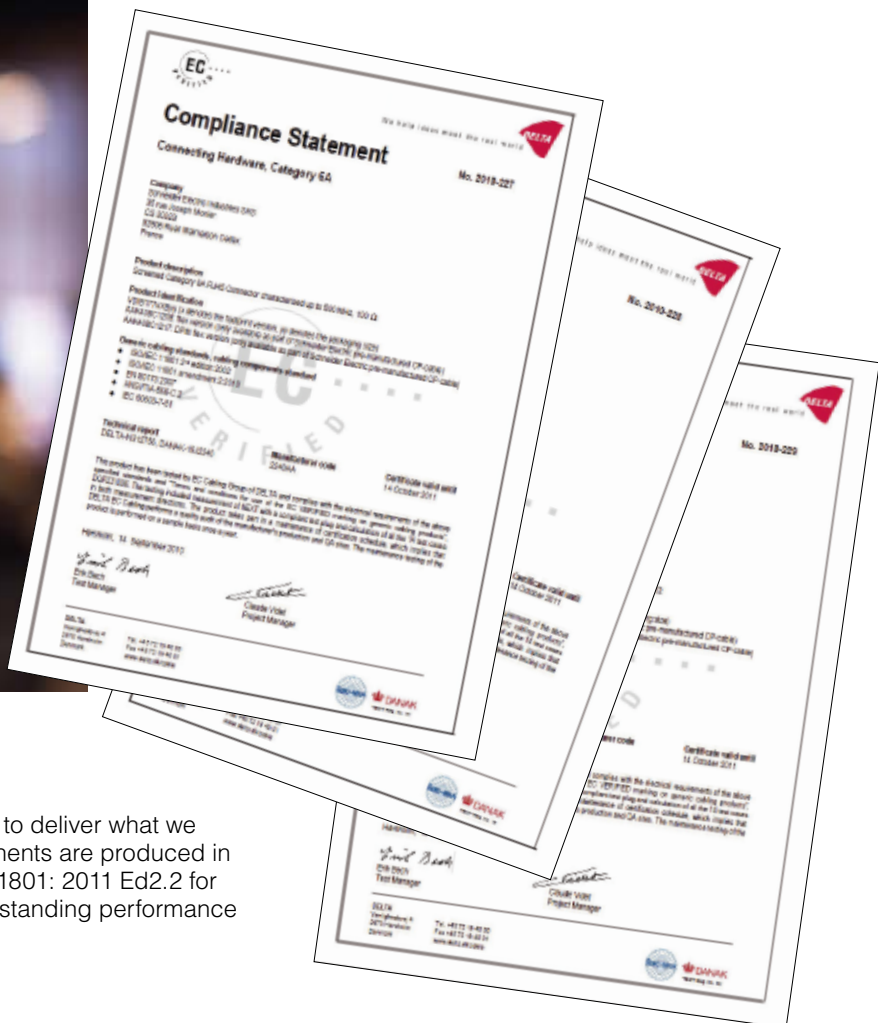
Full compliance with ISO/IEC 11801: 2011 Ed2.2

To get your complete network installation classified you need to work with classified components. That's why you should choose our solutions. We provide seamless end-to-end connectivity through safe, speedy and reliable network installations. We are constantly adjusting and updating our portfolio, and at the same time making sure that they are fully compatible with older and future solutions.

Cat 6_A

Cat 6

Cat 5e



2010-227, 2010-228, 2010-229

Every part in our Actassi range is certified to deliver what we claim they will. The Actassi S-One components are produced in Europe and fully compliant with ISO/IEC 11801: 2011 Ed2.2 for Cat 6_A, so you can always count on an outstanding performance and reliability.

Actassi S-One RJ45 connectors

- Performance categories: Cat 6_A, 6 and 5e, shielded and unshielded
- Material: shielded in zamak, unshielded in ABS plastic
- Size: height 28 mm, width 18 mm, depth 35 mm
- Applicable standards:
 - ISO/IEC 11801: 2011 Ed2.2, class EA permanent link and channel
 - IEC 60603-7-51 Cat 6_A connecting hardware
 - ANSI/TIA-568-C.2 Cat 6_A connecting hardware
- One-piece design and U-shaped cable entry
- Tool-less IDC termination
- Earthing (shielded): metallic, 360° self-adjusting, plus drain wire contact
- Operational temperature range: -40°C to + 70°C.

S-One C6_A – Cat 6_A

Description	Qty/pack	Reference
RJ45 Connector Cat 6 _A Unshielded	1	VDIB1772XU01
	12	VDIB1772XU12
	96	VDIB1772XU96
RJ45 Connector Cat 6 _A Shielded	1	VDIB1772XB01
	12	VDIB1772XB12
	96	VDIB1772XB96

S-One C6 – Cat 6

Description	Qty/pack	Reference
RJ45 Connector Cat 6 Unshielded	1	VDIB17726U01
	12	VDIB17726U12
	96	VDIB17726U96
RJ45 Connector Cat 6 Shielded	1	VDIB17726B01
	12	VDIB17726B12
	96	VDIB17726B96

S-One C5e – Cat 5e

Description	Qty/pack	Reference
RJ45 Connector Cat 5e Unshielded	1	VDIB17725U01
	12	VDIB17725U12
	96	VDIB17725U96
RJ45 Connector Cat 5e Shielded	1	VDIB17725B01
	12	VDIB17725B12
	96	VDIB17725B96

P121213



P121216



P121212



P121215



P121211



P121214



Actassi S-One DPM RJ45 connectors



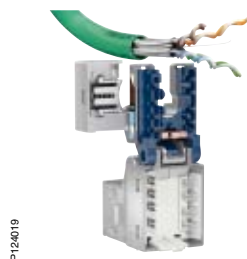
Actassi S-One with one-piece design for faster and safer installations

Without any loose parts the Actassi S-One connector is more compact, easier to handle and ensures great performance by making each connection 100 % reliable. The connector is delivered open, ready to connect. It has an automatic 360° cable earthing, a simple locking termination and a very smart locking function. The robust one-piece design is suitable for all applications, and in the Actassi S-One range you'll find both shielded and unshielded connectors of all categories.



P124088

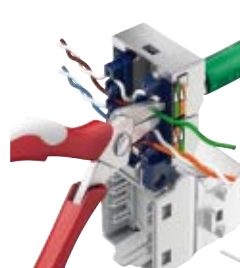
PoE+
The Actassi S-One connector is now certified and fully compliant with the PoE+ standards by Delta, allowing transport of up to 30W in the data cable.



P124019

Ready...

S-One is delivered open. Just insert the cable in the central U-shaped entry.



P124025

Steady...

Close the smart bridle – it will automatically lock the cable and provide 360° earthing.



P124673

Done.

Shut the connector. A "click" confirms that it's locked into its firm and reliable position.

Actassi S-One DPM benefits

U-shaped cable entry with a smart bridle

Despite being compact in size, the connector has enough space inside for your work. All functions are designed to ease your installation.

Safe and automatic 360° earthing

Actassi S-One easily provides automatic earthing without any tools.

Protected IDC

With Actassi S-One it's nearly impossible to damage cables or fingers, since the IDC is concealed in a cavity.



Insulated plastic IDC housing eliminates short-circuit between conductors and metal body.

Ergonomic design

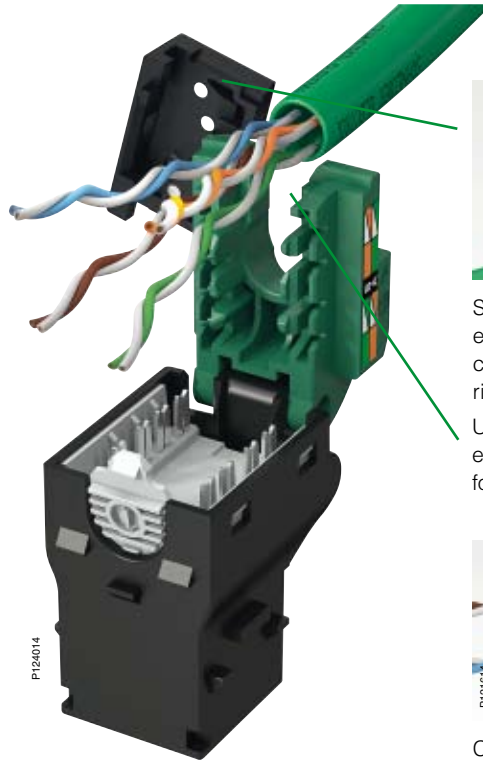


Installing shouldn't be painful! So in the Actassi S-One range it isn't.

Bridle with elastomer insert (unshielded) for convenient locking and soft touch.

Smooth design with rounded edges.

Touch-friendly materials.



Smart bridle with elastomer insert for cable locking reduces risk of damaging cables.

U-shaped cable entry. Easy access for all cables.



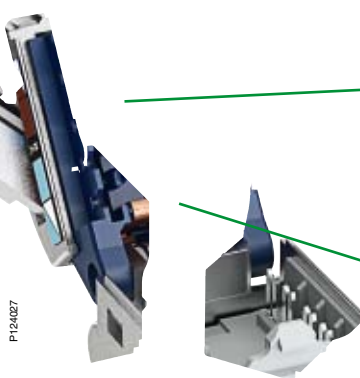
Central cable entry for optimized performance.



Automatic 360° earthing with spring-loaded locking and earthing bridle.

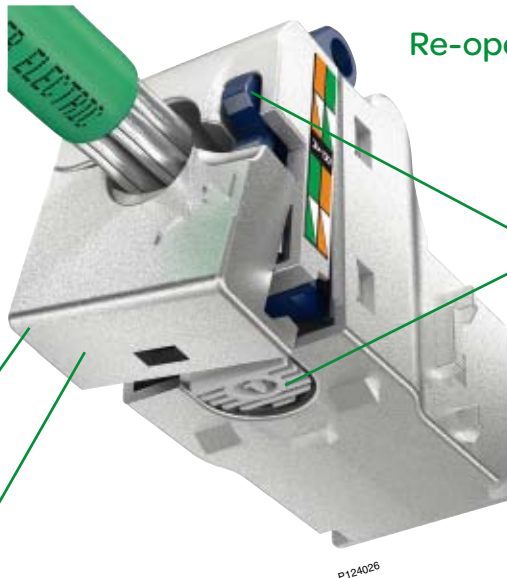


Integrated earth-drain contact provides double earthing.



P124027

Re-open in two clicks



You can hear the Actassi S-One opening and closing.

Quick-release buttons for tool-less re-opening.

Reduced risk of damaging connections.

Re-close with a simple click-click.

Actassi S-One is colour-coded

The Actassi S-One wire organizers are colour-coded to make performance identification safer and easier. Both shielded and unshielded connectors are coded according to the same system. Dark blue for Cat 6_A, light blue for Cat 6 and green for Cat 5e.

Practical eco-box

- Box of 12 connectors.
- Connectors delivered open, ready to connect.
- Cardboard package for easy recycling.

Integrated hook for the 19" rack.



Shielded

The shielded Actassi S-One connectors have two very time saving and safe features. It's the spring-loaded bridle for locking and automatic 360° earthing, and the integrated earth drain contact, which provides efficient double earthing.

Unshielded

The unshielded Actassi S-One connectors have a smooth feel. The design promotes safety and comfort by its finely contoured shape, edges and elastomer insert.



Full compliance with ISO/IEC 11801: 2011 Ed2.2

To get your complete network installation classified you need to work with classified components. That's why you should choose our solutions. We provide seamless end-to-end connectivity through safe, speedy and reliable network installations. We are constantly adjusting and updating our portfolio, and at the same time making sure that they are fully compatible with older and future solutions.

Cat 6_A

Cat 6

Cat 5e



Every part in our Actassi range is certified to deliver what we claim they will. The Actassi S-One components are produced in Europe and fully compliant with ISO/IEC 11801: 2011 Ed2.2, so you can always count on an outstanding performance and reliability.

Actassi S-One DPM RJ45 connectors

- Performance categories: Cat 6_A, 6 and 5e, shielded and unshielded
- Material: shielded in zamak, unshielded in ABS plastic
- Size: height 28 mm, width 18 mm, depth 35 mm
- Applicable standards:
 - ISO/IEC 11801: 2011 Ed2.2, class EA permanent link and channel
 - IEC 60603-7-51 Cat 6_A connecting hardware
 - ANSI/TIA-568-C.2 Cat 6_A connecting hardware
- One-piece design and U-shaped cable entry
- Tool-less IDC termination
- Earthing (shielded): metallic, 360° self-adjusting, plus drain wire contact
- Operational temperature range: -40°C to + 70°C.

S-One DPM C6_A - Cat 6_A

Description	Qty/pack	Reference
RJ45 Connector Cat 6 _A Unshielded DPM	1	VDIB1771XU01
	12	VDIB1771XU12
	96	VDIB1771XU96

RJ45 Connector Cat 6 _A Shielded DPM	1	VDIB1771XB01
	12	VDIB1771XB12
	96	VDIB1771XB96

S-One DPM C6 – Cat 6

Description	Qty/pack	Reference
RJ45 Connector Cat 6 Unshielded DPM	1	VDIB17716U01
	12	VDIB17716U12
	96	VDIB17716U96

RJ45 Connector Cat 6 Shielded DPM	1	VDIB17716B01
	12	VDIB17716B12
	96	VDIB17716B96

S-One DPM C5e – Cat 5e

Description	Qty/pack	Reference
RJ45 Connector Cat 5e Unshielded DPM	1	VDIB17715U01
	12	VDIB17715U12
	96	VDIB17715U96

RJ45 Connector Cat 5e Shielded DPM	1	VDIB17715B01
	12	VDIB17715B12
	96	VDIB17715B96

P124006



P124009



P124007



P124010



P124008



P124011





Actassi S-110 RJ45 connectors

Actassi S-110 is the high-quality range of RJ45 punch-down connectors with Keystone footprint. The connectors are unshielded, based on 110 termination technology and can be connected with Actassi Quick Termination Tool or Actassi punch-down tool. Actassi S-110 range provides full compliance to the latest international standards ISO/IEC 11801: 2011 Ed2.2 and ANSI/TIA-568-C.2 and is supported by Delta certification

Transparent IDC cap

Clear and transparent IDC cap for faster visual inspection of wires after connection

Easy identification

Available in 6 colours for easy and quick circuit/network identification and management in patch panels

Integrated shutter

Patented integrated shutter, preventing from dust and accidental insertion

U-shaped IDC cap

U-shaped IDC cap for axis or lateral entrance of the cable at the rear of the connector

Visible category

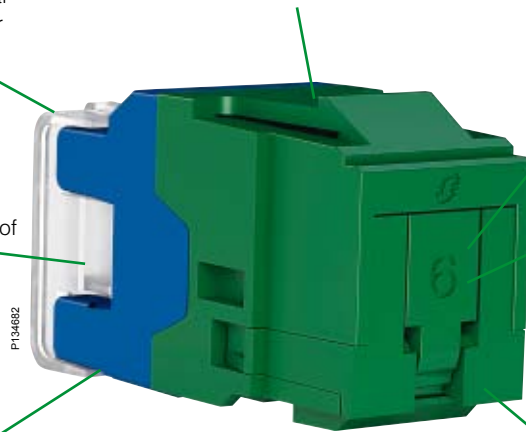
Category-marked on the front for easy and quick identification of the performance

Bright contrast colour for safe connection

Bright colour at the back (white or royal blue) for better contrast during connection to reduce risk of mistakes

Keystone footprint

Keystone footprint to fit Actassi fixed patch-panels range and faceplates



Fixed panels – empty and equipped with the S-110 connectors

The Actassi S-110 product range offers 2 Actassi panels where S-110 RJ45 connectors can be fitted. The panels have a Quick Fix function on both sides and they are equipped with 4 label holders and a metal tray cable

manager. You can choose empty panel or equipped panel (delivered with S-110 Cat 5e unshielded or S-110 Cat 6 unshielded connectors, see page 66).



Empty fixed panel for S-110 connectors (for all categories **except Cat. 6_A unshielded**)



Equipped fixed panel with S-110 connectors (delivered with S-110 **Cat 5e unshielded** or **S-110 Cat 6 unshielded connectors**)

For the specific need of Cat 6_A unshielded system, a panel is available with an offset design to fit with specific requirements of S-110 Cat 6_A unshielded connectors. This panel

is equipped with S-110 Cat 6_A unshielded connectors (black colour, without shutters, see page 66).



Equipped fixed panel for S-110 connectors (delivered with S-110 **Cat 6_A unshielded connectors**)

Actassi S-110 RJ45 connectors

- Performance categories: Cat 6_A, Cat 6, Cat 5e unshielded
- Material: unshielded in ABS plastic
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards: ISO/IEC 11801: 2011 Ed.2.2, ANSI/TIA-568-C.2
- Keystone footprint
- Punch-down IDC termination
- Patented shutter
- Available in various colours
- Operational temperature range: -40°C to 70°C
- Individual bag with cabling instructions
- Actassi S-110 Quick termination punch down tools compatible, see page 40.

S-110 C6A Cat 6_A

Description	Qty/pack	Reference
Without shutters		
Connector RJ45 Keystone Unshielded, white	1	VDIB1776XUWE
Connector RJ45 Keystone Unshielded, black	1	VDIB1776XUBK
With shutters		
Connector RJ45 Keystone Unshielded, white	1	VDIB1774XUWE
Connector RJ45 Keystone Unshielded, black	1	VDIB1774XUBK
Connector RJ45 Keystone Unshielded, blue	1	VDIB1774XUBU
Connector RJ45 Keystone Unshielded, green	1	VDIB1774XUGR
Connector RJ45 Keystone Unshielded, red	1	VDIB1774XURD
Connector RJ45 Keystone Unshielded, yellow	1	VDIB1774XUYL

S-110 C6 Cat 6

Description	Qty/pack	Reference
Without shutters		
Connector RJ45 Keystone Unshielded, white	1	VDIB17766UWE
Connector RJ45 Keystone Unshielded, black	1	VDIB17766UBK
With shutters		
Connector RJ45 Keystone Unshielded, white	1	VDIB17746UWE
Connector RJ45 Keystone Unshielded, black	1	VDIB17746UBK
Connector RJ45 Keystone Unshielded, blue	1	VDIB17746UBU
Connector RJ45 Keystone Unshielded, green	1	VDIB17746UGR
Connector RJ45 Keystone Unshielded, red	1	VDIB17746URD
Connector RJ45 Keystone Unshielded, yellow	1	VDIB17746UYL





P122155



P122154

S-110 C5 Cat 5e

Description	Qty/pack	Reference
Without shutters		
Connector RJ45 Keystone Unshielded, white	1	VDIB17765UWE
Connector RJ45 Keystone Unshielded, black	1	VDIB17765UBK

Quick termination punch down tool

(compatible with S-110 Cat 6_A and Cat 6, not compatible for Cat 5e)

- Fast and easy field installation tool with simple squeeze handle
- Handle lock design
- Aluminum alloy
- Replaceable cutting module design
- Save up termination time over 80 %
- Save up termination force needed to 70 %
- Termination of all wires at one single squeeze
- Ensure quality, stability and safety during termination
- Easy & handy carrying and storage.



P122301

Tool

Description	Qty/pack	Reference
Quick termination punch down tool (2 modules ACTTLQTBCM included)	1	ACTTLQTB
Module for punch down tool	1	ACTTLQTBCM



P122303

Module

Standard tool (for S-110 tools for Cat 6_A, Cat 6 and Cat 5e)

Description	Qty/pack	Reference
Punch down tool (1 blade ACTTRJ45PDTB included)	1	ACTTRJ45PDT
Blade for standard punch down tool ACTTRJ45PDT	1	ACTTRJ45PDTB



P136447

Tool



P136448

Blade

Actassi copper cables

Three ranges that cover all needs



CL-C offer

Standard copper LAN cables for your day-to-day installations, based on U/UTP and F/UTP cables, from category 5 to category 6_A. The CL-C cables are reliable and well-known, with good performance.



CL-MNC offer

High-end copper LAN cables for performances from category 6 to category 7_A 1000 MHz. Exceeding international standards by 3 dB minimum on NEXT & RL. Full Delta certification for components and permanent links.



CL-MX offer

Exclusively designed LAN copper cables for category 6_A with a patented single-foil metallic Xfiller, providing high performance and reliable shielded installations. Exceeding international standards by 3 dB minimum on NEXT & RL. Full Delta certification for components and permanent links.

Actassi offer overview

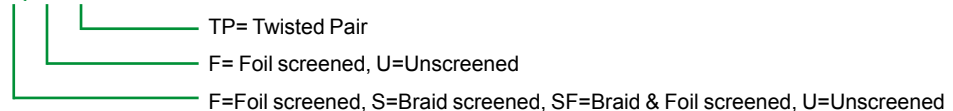
Type of shielding	Performances			
	Cat. 5	Cat. 6	Cat. 6 _A	Cat. 7 _A
S/FTP				CL-MNC**
F/FTP			CL-MNC CL-MX	CL-MNC
U/FTP		CL-MNC	CL-MNC	
SF/UTP		CL-C		
F/UTP	CL-C*	CL-C	CL-C CL-MNC	
U/UTP	CL-C*	CL-C* CL-MNC		

* Available with PVC or LSZH jacket material.

** Available with LSZH or LSFRZH (LSZH + improved Fire Resistance) sheath material.

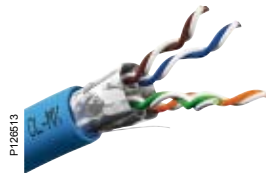
Cable standardisation

X/X TP



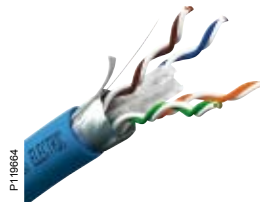
Actassi copper cables

Some important advantages



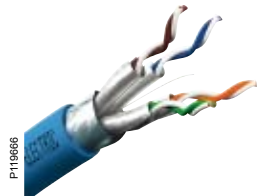
CL-MX patented metallic crossfiller

New and patented metallic crossfiller design of the CL-MX LAN copper cable, providing superior shielding, faster installations and increased efficiency.



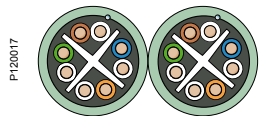
CL-MNC crossfiller with optimized design and micro-blades

With an optimized design and specific micro-blades, you will have better performances in NEXT and ELFEXT, and a better resistance to the mechanical constraints.



CL-C, CL-MNC, CL-MX conductivity

For the whole offer, the conducting side of the shield is turned outwards. Thus, there is no need to turn the shield inside out before applying the connector to have a good conductivity. You will gain time during installation, there will be no destruction of the shield and you will get very good shielding.



CL-C, CL-MNC, CL-MX dual cables

In order to facilitate cable laying, the majority of our cables are available in dual version. Only one operation to install two cables.

Certificates





All LAN cables from Category 6 are certified at a component level by the independent third-party laboratory Delta. Certificates are regularly updated to be compliant to the latest and highest international standards.








Performances

Frequency (MHz)	250			500			1000	
Attenuation (dB)*	33	33	33	45.3	45.3	45.3	46.0	61.9
NEXT (dB)*	39.3	42.3	59.3	34.8	34.8	54.8	82.7	60.4
ACR-F (dB)*	20	23	20	14	17	24	36.7	35.3
Propagation speed (%c)	66	66	78	70	70	82	82	78

Cat 6

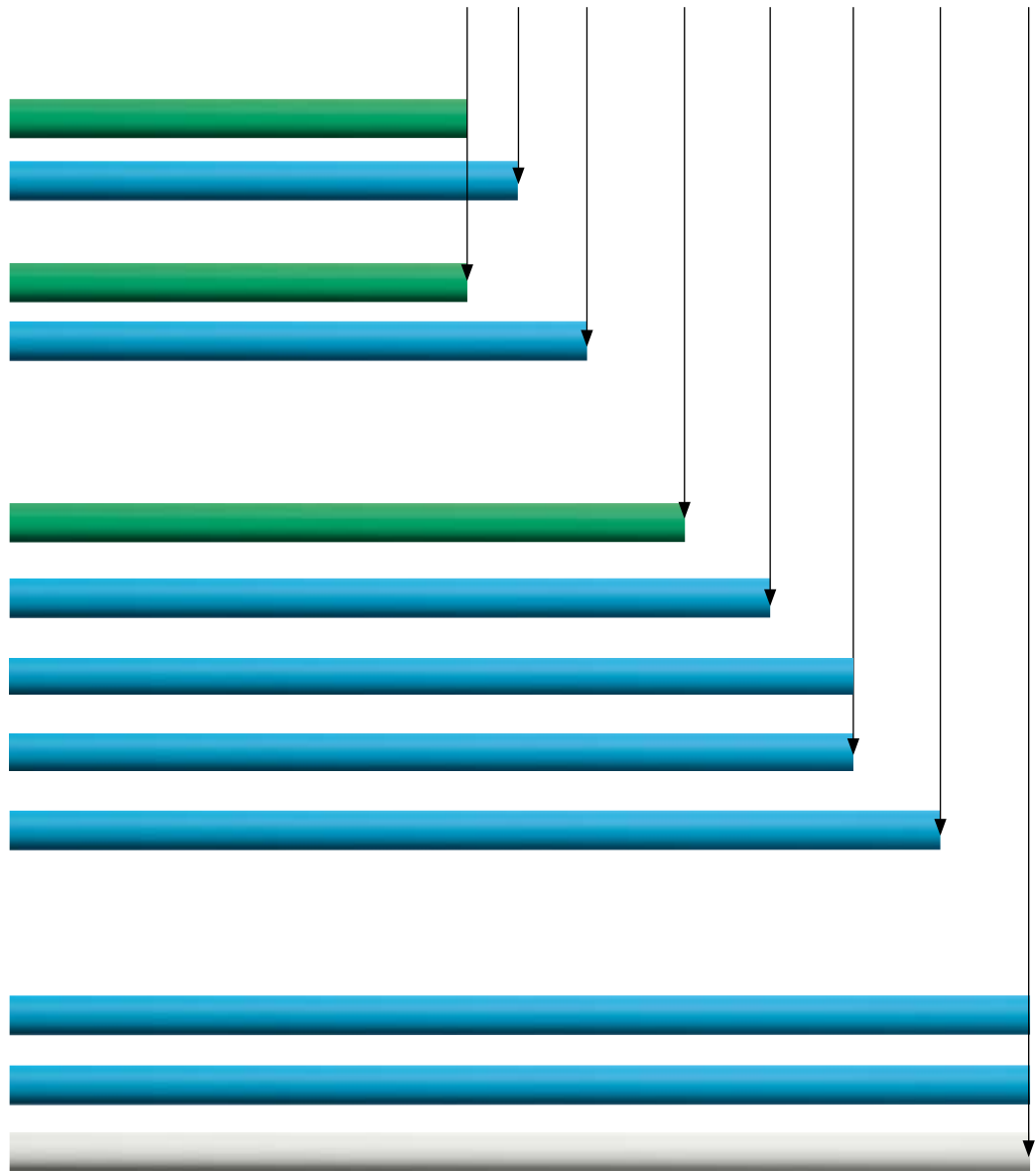
-  P110559 CL-C U/UTP
-  P120040 CL-MNC U/UTP
-  P120018 CL-C F/UTP
-  P120021 CL-MNC U/FTP

Cat 6_A

-  P120018 CL-C F/UTP
-  P83171 CL-MNC F/UTP
-  P118664 CL-MNC U/FTP
-  P120021 CL-MNC F/FTP
-  P139186 CL-MX F/FTP

Cat 7_A

-  P120023 CL-MNC F/FTP
-  P120021 CL-MNC S/FTP
-  P120954 CL-MNC S/FTP

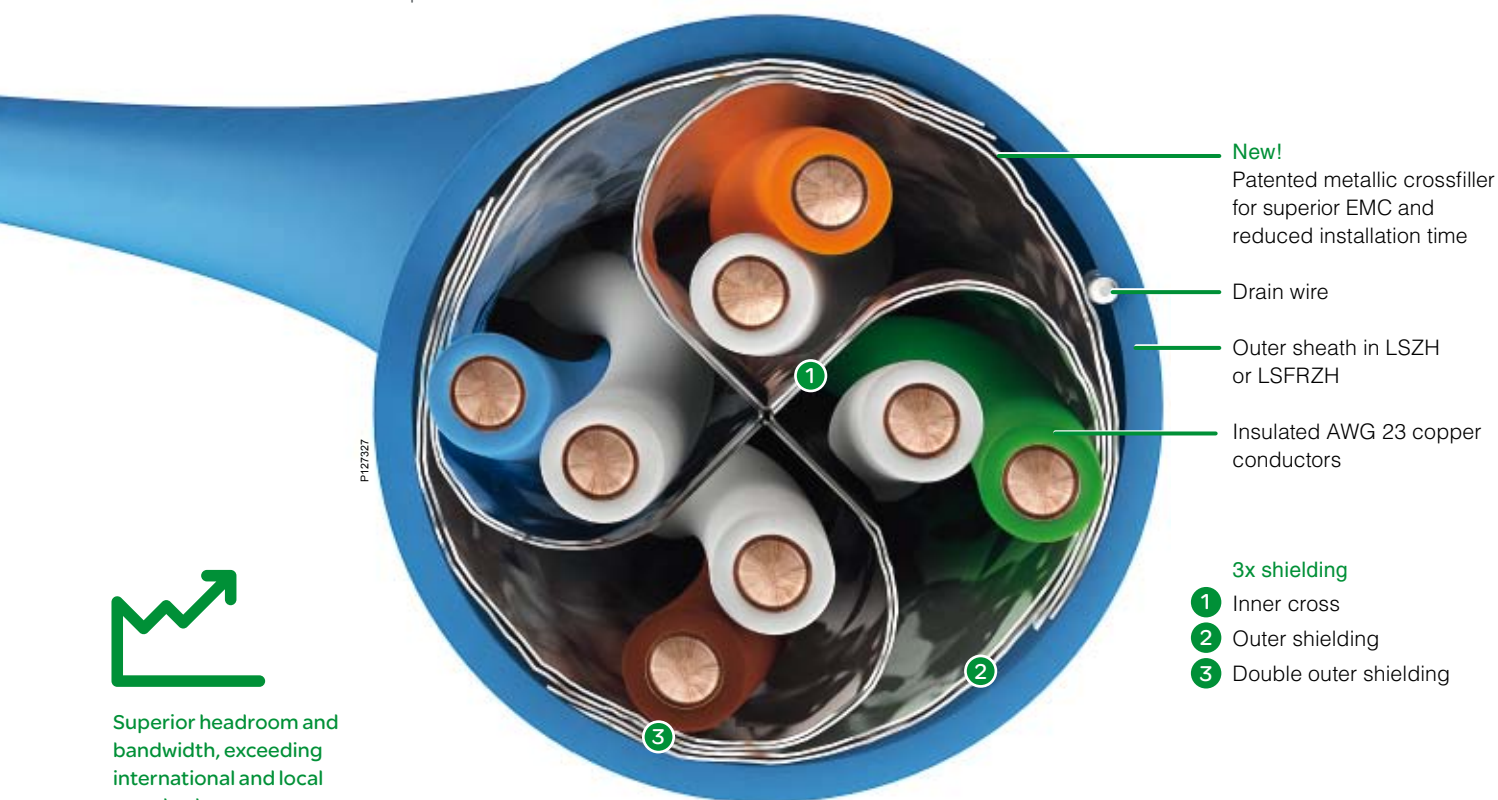


* Nominal characteristics given for 100 meters at maximum frequencies:
250 MHz for category 6, 500 MHz for category 6_A, 1000 MHz for category 7_A.

Actassi CL-MX cables

3 times improved performance with 1 new metallic crossfiller

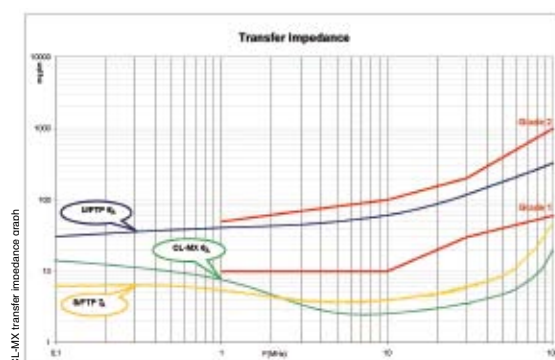
The patented crossfiller brings 3x shielding and superior Electro Magnetic Compatibility (EMC). Thanks to the unique design, the EMC performance is among the best in the market with performances exceeding the standard requirements for shielded cables with braid (S/FTP). The metallic crossfiller ensures an improved transfer impedance to fit requirements of sensitive areas where data transmission is critical. Best of all, Actassi CL-MX cables require less operations to be installed.



Superior headroom and bandwidth, exceeding international and local standards.

Designed for improved EMC

High-speed transmission protocols beyond 10 Gbit/s highlight ANEXT sensitivity and noise immunity as key performance factors for efficient, secure and robust installations. The single-foil structure of the metallic crossfiller acts like a triple screen protection around the copper twisted pairs. This specific design enhances EMC performances to reach grade 1 on the transfer impedance parameter, which is better than a shielded design with braid.





P127328



The fire properties are documented by standardized methods according to IEC 60332-1, IEC 60332-3C, IEC 60754-1 and IEC 60754-2.

Better link performance

With Actassi CL-MX the installations are easy and safe. According to the international standards for shielded LAN cables, the use of CL-MX cables will require less installation operations:

- No separation distance to power cabling*
- No ANEXT field testing

*EN 50174-2 to be referred

Improved safety in case of fire

Actassi CL-MX is available in two versions, the flame retardant LSZH and the fire retardant LSFRZH. Both are halogen-free. In case of fire, the result of using CL-MX is the reduction of the emissions of opaque smoke and acid gases. Thus, it helps reducing damages to equipment and allows people to escape from the building more easily.



Less cutting with Actassi CL-MX

P130057



Use the cable stripper tool and cut the outer sheath.

Cut the one single foil metallic crossfiller and remove it with a simple grip.

Your CL-MX is ready to connect.

Instead of separate wrapped-in foil pairs (like in traditional F/FTP or F/UTP cables), the Actassi CL-MX new crossfiller is wrapped in one single foil. This means less cutting and improved quality of the cable preparation. No need to pay attention to cutting the foils at exactly the same level, or to the length of the F/UTP plastic cross.

3x

Three times faster installation with Actassi CL-MX

Why traditional F/FTP cables are 3 times slower to install

P130058



Prepare your tools.

Use the cable stripper tool and cut the outer sheath.

Cut the outer foil.

Remove the foil.

Separate all pairs and the drain wire.

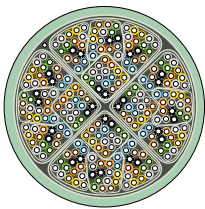
Cut and remove the foil of the first pair.

Cut and remove the foil of the second pair.

Cut and remove the foil of the third pair.

Cut and remove the foil of the fourth pair.

P119917



CL-C Cat 3 F/UTP Multi pair cable

Specifications

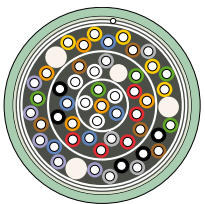
- 100 ohms, 16 MHz, AWG24, 128 twisted pairs with overall screen
- Compliant to IEC 61156-1 standard.

Use

- Phone backbone.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
128 pair cable	758.1 kg/km	22.2 mm	LSZH	500 m	VDIC235212

P119918



CL-C Cat 5 F/UTP Multi pair cable

Specifications

- 100 ohms, 100 MHz, AWG24, 25 twisted pairs with overall screen
- Organisation of the pairs in three levels (for 25 pairs) with aramid fibre.

Performances

- Compliant to ISO 11801, EN 50173 and IEC 61156-4 standard.

Use

- Phone backbone.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
25 pair cable	209.7 kg/km	13.6 mm	LSZH	500 m	VDIC235225

Our multipair cables are sold in meters, from minimum 50 meters to 400 meters. Lengths between 400 and 500 m are always delivered in drums of 500 m.

CL-C Category 5e Copper LAN cables

P119659



CL-C Cat 5e U/UTP

Specifications

- 100 Ohms, 155 MHz, AWG24, 4 pairs or 2x4 twisted pairs without screen. Compatible with PoE standards (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and TIA/EIA-568-C.2 standards.

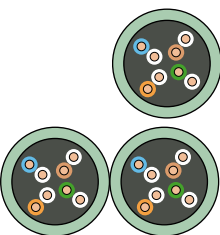
NEXT	Nominal	Standard IEC
100 MHz	35.3 dB	≥ 35.3 dB

Use

- Network cabling systems for category 5 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	30 kg/km	4.9 mm	LSZH	305 m	VDIC115118
			LSZH	500 m	VDIC115218
			PVC	305 m	VDIC115118P
			PVC	500 m	VDIC115218P
2x4 pair cable	63.5 kg/km	5.25x11.35 mm	LSZH	500 m	VDIC115228

P120014, P120013



P119661



CL-C Cat 5e F/UTP

Specifications

- 100 Ohms, 155 MHz, AWG24, 4 pairs or 2x4 twisted pairs without screen. Compatible with PoE standards (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 standards.

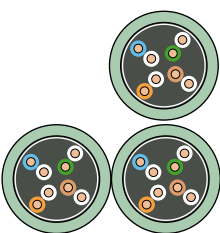
NEXT	Nominal	Standard IEC
100 MHz	35.3 dB	≥ 35.3 dB

Use

- Network cabling systems for category 5 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	36.8 kg/km	5.9 mm	LSZH	305 m	VDIC135118
			LSZH	500 m	VDIC135218
			PVC	305 m	VDIC135118P
			PVC	500 m	VDIC135218P
2x4 pair cable	74.4 kg/km	5.9x11.8 mm	LSZH	500 m	VDIC135228

P120016, P120015

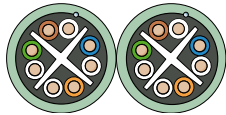




P119658



P110559



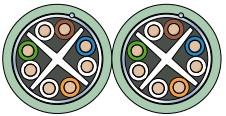
P120017



P119687



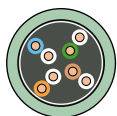
P120018



P120019



P119662



P120015

CL-C Category 6 Copper LAN cables

CL-C Cat 6 U/UTP

Specifications

- 100 ohms, 250 MHz, AWG23, 4 pairs or 2x4 pairs without screen
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2, EN 50288-6-1 and TIA/EIA-568-C.2 standards.

NEXT	Nominal	Standard IEC
250 MHz	39.3 dB	≥ 39.3 dB

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	40 kg/km	6 mm	LSZH	305 m	VDIC116118
			PVC	305 m	VDIC116118P
			LSZH	500 m	VDIC116218
2x4 pair cable	87.5 kg/km	6.15x13.25 mm	LSZH	500 m	VDIC116228

CL-C Cat 6 F/UTP

Specifications

- 100 ohms, 250 MHz, AWG24, 4 pairs or 2x4 pairs with overall screen. Cross filler to organize the pairs.
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

NEXT	Nominal	Standard IEC
250 MHz	39.3 dB	> 39.3 dB

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	48.8 kg/km	7.1 mm	LSZH	500 m	VDIC136218
				1000 m	VDIC136318
2x4 pair cable	98.5 kg/km	7.1x14.4 mm	LSZH	500 m	VDIC136228
4 pair cable	56 kg/km	7.5 mm	LSZH	1000 m	VDIC136318

CL-C Cat 6 SF/UTP

Specifications

- 100 ohms, 250 MHz, AWG23, 4 pairs with overall screen and metallic braid
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

NEXT	Nominal	Standard IEC
250 MHz	39.3 dB	> 39.3 dB

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	68.5 kg/km	7.6 mm	LSZH	500 m	VDIC176218

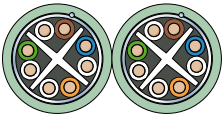


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P120019



CL-C Category 6_A Copper LAN cables

CL-C Cat 6_A F/UTP

Specifications

- 100 ohms, 500 MHz, AWG24, 4 pairs or 2x4 pairs with overall screen
- Cross filler to organize the pairs
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

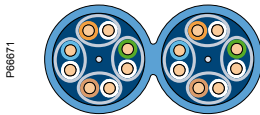
- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

NEXT	Nominal	Standard IEC
500 MHz	34.8 dB	> 34.8 dB

Use

- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	50.6 kg/km	7.5 mm	LSZH	500 m	VDIC13X218
				1000 m	VDIC13X318
2x4 pair cable	102.3 kg/km	7.5x15.2 mm	LSZH	500 m	VDIC13X228



CL-MNC Category 6 Copper LAN cables

CL-MNC Cat 6 U/UTP

Specifications

- 100 ohms, 300 MHz, AWG23, 4 pairs without screen. Cross filler to organize the pairs
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2, EN 50288-6-1 and TIA/EIA-568-C.2 standards.

NEXT	Nominal	Standard IEC
300 MHz	44 dB	> 39.3 dB

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	40 kg/km	6 mm	LSZH	500 m	VDIC616218

CL-MNC Cat 6 U/FTP

Specifications

- 100 ohms, 300 MHz, AWG23, 4 pairs or 2x4 pairs with individual screens
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

NEXT	Nominal	Standard IEC
300 MHz	44 dB	> 39.3 dB

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	46 kg/km	6.9 mm	LSZH	500 m	VDIC626218
	48 kg/km	7 mm	LSZH	1000 m	VDIC626318
2x4 pair cable	97 kg/km	7x14.2 mm	LSZH	500 m	VDIC626228

CL-MNC Category 6_A Copper LAN cables

CL-MNC Cat 6_A U/UTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs without screen. Crossfiller to organise the pairs. Specific notched sheath
- NVP = 65 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standard.

NEXT	Nominal	Standard IEC
550 MHz	37.2 dB	>34.8 db

Use

- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	76 kg/km	8.6 mm	LSZH	500 m	VDIC61X218

P119664



CL-MNC Cat 6_A F/UTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with overall screen. Specific cross filler to organize the pairs
- NVP = 70 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

NEXT	Nominal	Standard IEC
550 MHz	40 dB	> 34.8 dB

Use

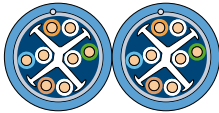
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	57.3 kg/km	7.5 mm	LSZH	500 m	VDIC63X218
				1000 m	VDIC63X318
2x4 pair cable	115.5 kg/km	7.5x15.2 mm	LSZH	500 m	VDIC63X228

P93171



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P119665



CL-MNC Cat 6_A U/FTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

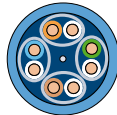
NEXT	Nominal	Standard IEC
550 MHz	67dB	> 34.8 dB

Use

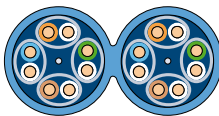
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	46 kg/km	6.9 mm	LSZH	500 m	VDIC62X218
				1000 m	VDIC62X318
2x4 pair cable	97 kg/km	6.8x13.8 mm	LSZH	500 m	VDIC62X228

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P119666



CL-MNC Cat 6_A F/FTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and overall screen
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

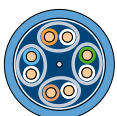
NEXT	Nominal	Standard IEC
550 MHz	67dB	> 34.8 dB

Use

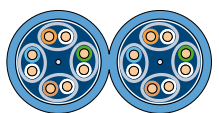
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	47.5 kg/km	6.9 mm	LSZH	500 m	VDIC64X218
				1000 m	VDIC64X318
2x4 pair cable	96 kg/km	6.9x14 mm	LSZH	500 m	VDIC64X228

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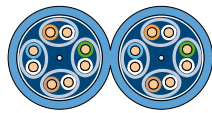




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P120023



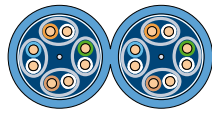
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P120023



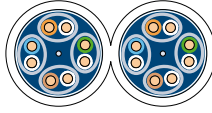
P66659



P123603



P123654



P123655

CL-MNC Category 7_A Copper LAN cables

CL-MNC Cat 7_AF/FTP

Specifications

- 100 ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and overall screen, PiMF construction
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

NEXT	Nominal	Standard IEC
1000 MHz	60.4 dB	> 60.4 dB

Use

- Network cabling systems for category 7_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	57 kg/km	7.5 mm	LSZH	500 m	VDIC648218
				1000 m	VDIC648318
2x4 pair cable	114.9 kg/km	7.5x15.2 mm	LSZH	500 m	VDIC648228

CL-MNC Cat 7_AS/FTP

Specifications

- 100 ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and metallic braid, PiMF construction
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

NEXT	Nominal	Standard IEC
1000 MHz	60.4 dB	> 60.4 dB

Use

- Network cabling systems for category 7_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	58.7 kg/km	7.3 mm	LSZH	500 m	VDIC658218
				1000 m	VDIC658318
2x4 pair cable	118.4 kg/km	7.3x14.8 mm	LSZH	500 m	VDIC658228

CL-MNC Cat 7_AS/FTP

Specifications

- 100 ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and metallic braid, PiMF construction
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W
- Fire retardant properties according to IEC 60332-3C, NF C 32070 2.1, NF C 32070 2.2.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

NEXT	Nominal	Standard IEC
1000 MHz	60.4 dB	> 60.4 dB

Use

- Network cabling systems for category 7_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	70.8 kg/km	7.9 mm	LSFRZH	1000 m	VDIC658318F01
2x4 pair cable	142.7 kg/km	7.9x16 mm	LSFRZH	500 m	VDIC658228F01



P128513



P139186



P66250



CL-MX Category 6_A Copper LAN cables

CL-MX Cat 6_A F/FTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with patented single-foil metallic crossfiller design
- Superior EMC performances: grade 1 Transfer Impedance
- Quick and simple twin removal actions for the sheath and the shield
- NVP = 82 %
- Fire retardant properties for LSFRZH version according to IEC 60332-3C, NF C 32070 2.1, NF C 32070 2.2
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Standards

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

NEXT	Nominal	Standard IEC
550 MHz	67 dB	> 34.8 dB

Use

- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	53.6 kg/km	7.3 mm	LSZH	500 m	VDIC68X218
4 pair cable	53.6 kg/km	7.3 mm	LSZH	1000 m	VDIC68X318
2x4 pair cable	108.2 kg/km	7.3x14.8 mm	LSZH	500 m	VDIC68X228
4 pair cable	62.7 kg/km	7.7 mm	LSFRZH	500 m	VDIC68X218F01
4 pair cable	62.7 kg/km	7.7 mm	LSFRZH	1000 m	VDIC68X318F01
2x4 pair cable	126.3 kg/km	7.7x15.6 mm	LSFRZH	500 m	VDIC68X228F01

Tools

Cable stripper

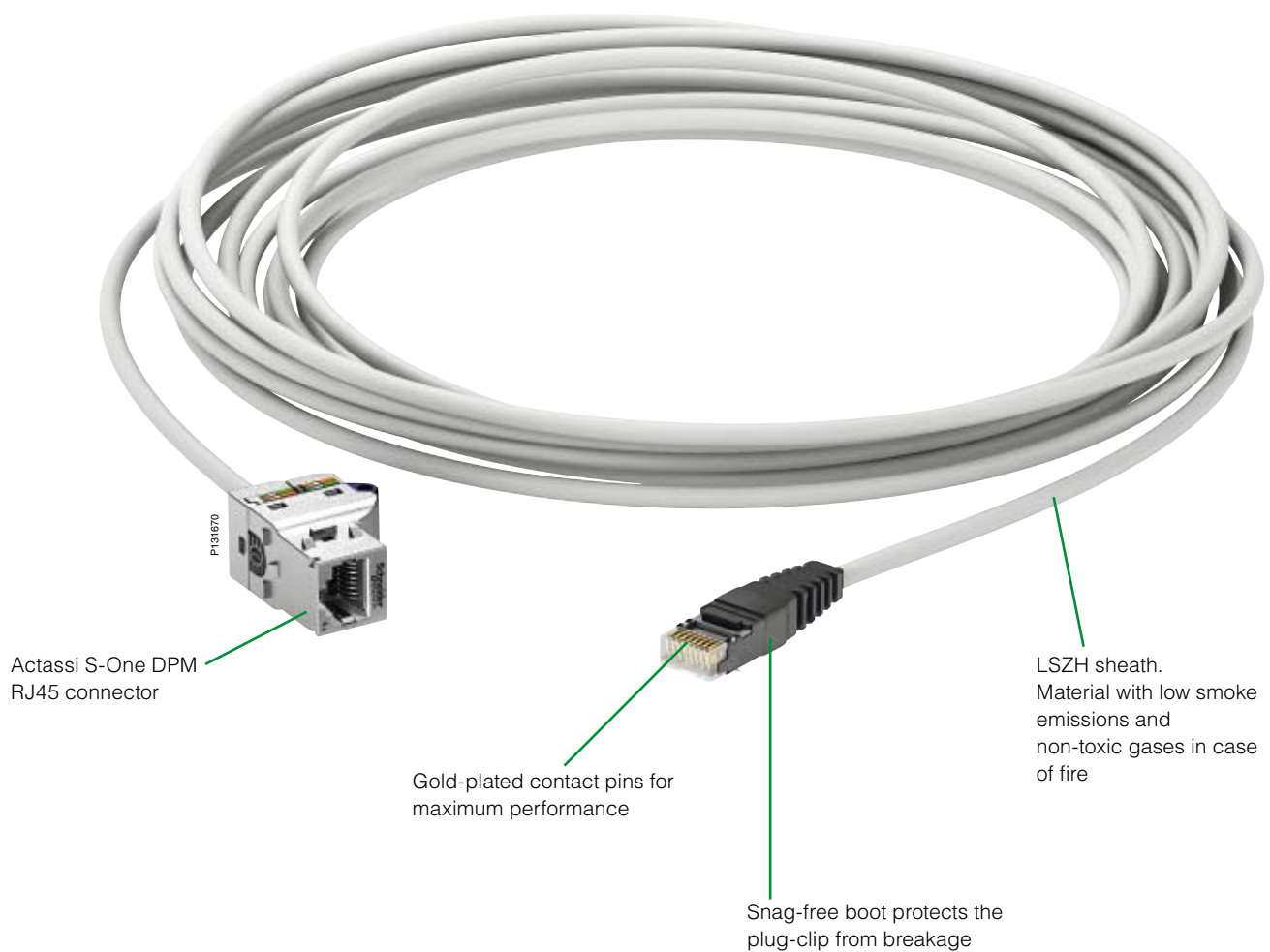
- Allow to strip the cable sheath
- Adapted to all Actassi cables (CL-C, CL-MNC and CL-MX) to fit all cable diameters and sheath thicknesses
- Recommended tool for fast preparation and installation of Actassi CL-MX cables.

Type	EAN code	Ref. No
Cable Stripper	3606480186127	VDIR580021

Actassi consolidation point links

Consolidation point links (called "CP-links") are aimed for new buildings, big refurbish and critical installations within technical and server rooms, either in false floor and false ceiling areas.

CP-links are used when it is needed to provide a high quality level and a high transmission link performance. The cable is pre-assembled with the Actassi S-One connector. No connection to do on site, just plug & play, which reduces errors and maintenance.



CP cabling links

Application

Ensures and gives transmission of data networks.

Specifications

■ CP link Cat 6_A, Cat 6 and Cat 5e are pre-assembled with the following components:

- S-One connector Cat 6_A
- cable Cat 6_A S/FTP (white colour)
- cable Cat 6 U/UTP and S/FTP
- cable Cat 5e U/UTP and F/UTP
- RJ45 Plug

- High performance: Cat 6_A for copper systems, standard & system warranty
- Compliant with: ISO/IEC 11801: 2011 Ed2.2, EN 50173 Ed.3, EIA/TIA 568-C.2, IEC 60603-7, IEC 61156-5
- Full latest standards Delta certified - EN 50173 Ed.3., EIA/TIA 568 - C.2.

Benefits

- Plug & play: 100 % pre-assembled and pre-tested link
- Available in 3 catalogue lengths: 5 m, 10 m, 15 m
- Quick and easy installation
- LSZH cable use
- Full compatibility for installations with Schneider Electric poles and posts.

CP Cabling link CL-C5e

Type	Colour of sheath	Length (m)	Ref. No
U/UTP Cat 5e LSZH DPM	Green	5	VDICP1500501
		10	VDICP1501001
		15	VDICP1501501
F/UTP Cat 5e LSZH DPM	Color will depend on solution for cat 6 _A STP CP link	5	VDICP3500501
		10	VDICP3501001
		15	VDICP3501501

CP Cabling link CL-MNC6

Type	Colour of sheath	Length (m)	Ref. No
U/UTP Cat 6 LSZH DPM	Green	5	VDICP1600501
		10	VDICP1601001
		15	VDICP1601501
S/FTP Cat 6 LSZH DPM	White	5	VDICP4600502
		10	VDICP4601002
		15	VDICP4601502

CP Cabling link CL-MNC 6_A CP Cabling S/FTP Cat 6_A

Type	Colour of sheath	Length (m)	Ref. No
LSZH cable with DPM connector	White	5	VDICP4X00501
		10	VDICP4X01001
		15	VDICP4X01501

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P138750



P131670



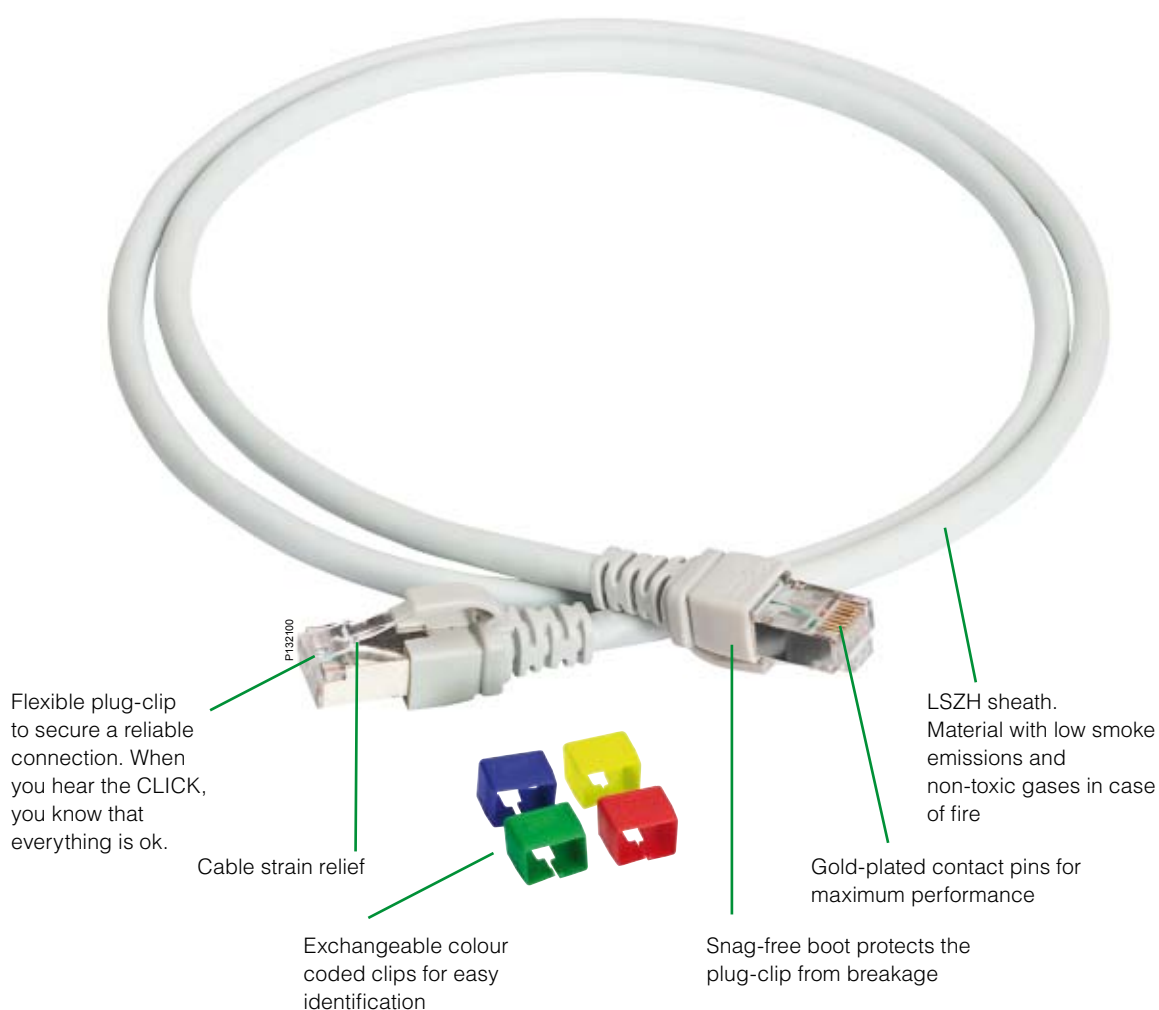
P131670



Actassi copper patch cords

Actassi copper patch cords ensure a reliable transmission in data networks. They are available in several lengths, from Cat 5e to Cat 6_A performances, covering both shielded and unshielded needs.

All patch cords are compliant with ISO/IEC 11801: 2011 Ed2.2. They are all Delta certified and also compliant to EN 50173ed.3. , EIA/TIA 568 - C.2, IEC 61935-2. Actassi copper patchcords provide safe plug & play with a high quality thanks to the performances, the LSZH sheath and the warranties.



CL-MNC Patchcords

Application

Ensures and gives transmission of data networks.

Performances

- High performance: from Cat 5e up to Cat 6_A for copper systems, standard & system warranty
- Compliant with: ISO/IEC 11801: 2011 Ed 2.2
- Full latest standards Delta certified - EN 50173 Ed.3. , EIA/TIA 568 - C.2, IEC 61935-2.

Specifications

- Low Smoke Zero Halogen (LSZH), 4 pairs, 100 ohms, pre-wired and tested in factory, with light grey colour design (RAL 7035)
- Connectors with grey overmoulding
- Snag-free connection to protect the plug-clip from breakage
- Network identification thanks to coloured clips
- Covers all needs for shielded and unshielded versions
- Individual packaging.

Patch cord U/UTP category 5e

Specifications

- 155 MHz, outer sheath LSZH.

Type	Colour of sheath	Length (m)	Ref. No
4 pairs	Grey	0.5	VDIP181546005
		1	VDIP181546010
		2	VDIP181546020
		3	VDIP181546030
		5	VDIP181546050
		10	VDIP181546100



P131531

Patch cord F/UTP category 5e

Specifications

- 155 MHz, outer sheath LSZH.

Type	Colour of sheath	Length (m)	Ref. No
4 pairs	Grey	0.5	VDIP184546005
		1	VDIP184546010
		2	VDIP184546020
		3	VDIP184546030
		5	VDIP184546050
		10	VDIP184546100



P131531

Patch cord U/UTP category 6

Specifications

- 250 MHz, outer sheath LSZH.

Type	Colour of sheath	Length (m)	Ref. No
4 pairs	Grey	0.5	VDIP181646005
		1	VDIP181646010
		2	VDIP181646020
		3	VDIP181646030
		5	VDIP181646050
		10	VDIP181646100



P131531

Patch cord F/UTP category 6

Specifications

- 250 MHz, outer sheath LSZH.

Type	Colour of sheath	Length (m)	Ref. No
4 pairs	Grey	0.5	VDIP184646005
		1	VDIP184646010
		2	VDIP184646020
		3	VDIP184646030
		5	VDIP184646050
		10	VDIP184646100



P131531

P191531



Patch cord U/UTP category 6_A

Specifications

- 550 MHz, outer sheath LSZH.

Type	Colour of sheath	Length (m)	Ref. No
4 pairs	Grey	1	VDIP181X46010
		2	VDIP181X46020
		3	VDIP181X46030
		5	VDIP181X46050

P191531



Patch cord S/FTP category 6_A

Specifications

- 550 MHz, outer sheath LSZH.

Type	Colour of sheath	Length (m)	Ref. No
4 pairs	Grey	1	VDIP185X46010
		2	VDIP185X46020
		3	VDIP185X46030
		5	VDIP185X46050
		10	VDIP185X46100

P191532



Coloured clips

Description	Packaging	Colour	Ref. No
Coloured clips	10	Blue	VDIP1811
		Yellow	VDIP1812
		Green	VDIP1813
		Red	VDIP1814

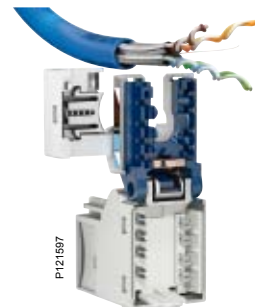
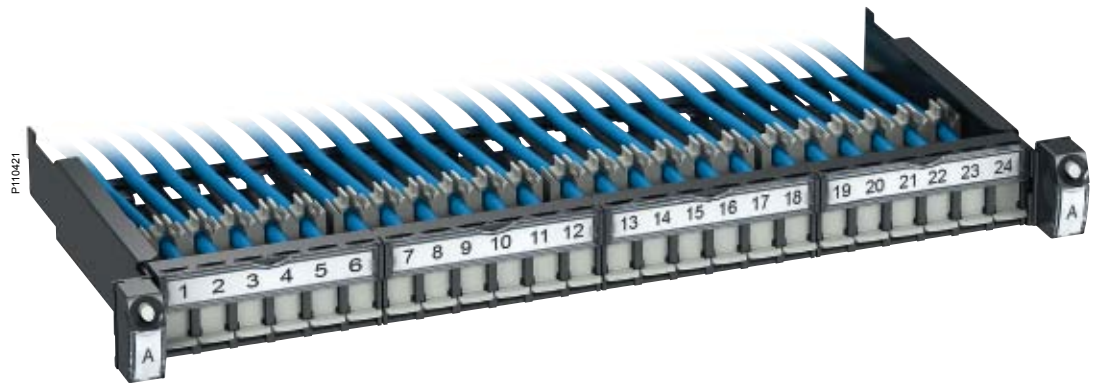


Panel range with S-One, S-One DPM and S-110 Actassi data panels

The data panels contain a front configuration for 24 RJ45 connectors. All panels have the smart Quick Fix function. They are also available pre-equipped with connectors, shutters, label holders and a rear cable organizer. We try to make your life as easy as possible.



The data panel is available pre-equipped with the innovative S-One connectors.



Sliding helps installation

Maintenance and extensions are smoothly performed with the help of the Quick Fix sliding function.

Actassi S-One

The connectors are a one-piece design for very fast and reliable wiring. Actassi S-One exceeds component hardware certification for standards like ISO/IEC 11801: 2011 Ed2.2 for Cat 6_A, ensuring optimized network performance.



Cable management

Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



Rear position numbers

Keeping track of each RJ45 could sometimes be very hard. Actassi is changing all of that! The cable numbers at the rear correspond to those at the front, simplifying installation and maintenance from both sides of the rack.



Automatic earthing

An automatic earthing for FTP/STP versions is integrated in the panel.



Clear front marking

Each panel plate has an openable label holder. Print your own labels or use the included versions with pre-printed port numbers. Each shutter can also be colour coded for quick identification in both open and closed positions.

Actassi flat high-density panels

The new Actassi 19" flat data panel with connectors placed at an angle gives a new dimension to high density – the panels can be mounted directly on top of each other, with no need of intermediate guiding panels. They are available empty without connectors or equipped with Cat 6_A STP connectors.



Quick Fix function
The panels are equipped with a Quick Fix function for a fast installation.



The flat data panel contain a configuration for 24 RJ45 connectors with a clear marking at both front and rear. The panels are easy to install thanks to the front access and the Quick Fix function. Use the vertical side rings for vertical management of the patch cords. Other features are the removable cable manager at the rear, the panel identification label and the hinged central label holder.



Vertical side rings
Vertical side rings and connectors at an angle gives a true high density installation. The overhead patching frame saves space in the enclosure below.



Connectors at an angle
Connectors placed at an angle combined with front access simplifies installation work.



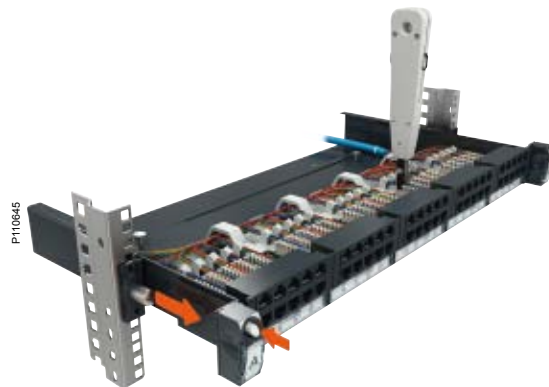
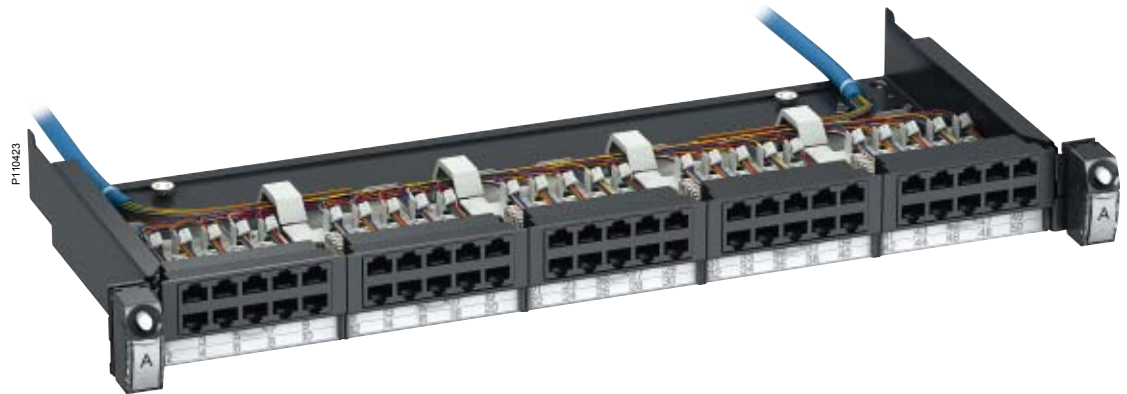
Clear front marking
Large identification labels for easy readability from ground level.



Cable management
The cable manager can be folded or removed. Hooks for cable ties for extra safety.

Actassi telecom panels

The smart and high capacity 19" telecom patch panel provides up to 50 connections. Very easy fixation of the panel thanks to the Quick Fix function with guiding fingers and pre-mounted screws. The label holders are easily opened without using any tool.



Exceptional robustness

The sliding function does not deteriorate the stability. As a proof you can use the punch down tool for LSA contacts with the panel in a sliding-out position. You don't need to remove it from the rack first!



Punch down tool
This is the punch down tool for LSA contacts, to be used for telecom cable connections.



Cable identification
No need trying to figure out which cable goes where. The cable identification is very clear on the clever fixing guides.



Safe and easy earthing
The panel has two earthing connection points for both shielded cables and for the rack, easily accessible at the rear.



Clear marking
The telecom panel comes with pre-printed labels and openable label holders.

Power panels and accessories

The Actassi system also includes a range of power panels and smart accessories for improved cable management. The power panels are available in several versions, for example with a protected light switch and overvoltage protection. The innovative patchcords guiding panel is equipped with four openable rings, managing up to 48 cords.



Power panel

With Quick Fix function and 3 m of power cord. Several versions, for example with protected circuit breaker/earth leakage.



Brush and blank panel

Brush guiding panel. Blank panel instead of an empty gap in the rack.



Guiding panels for patch cords

The 1U panel manages 24 cords, and 2U panel 48 cords. Easily opened but still safe, since a clever device prevents cords from falling out. Also possible to pull out only one cord if needed.



Side rings for rack 800x800

Rings for vertical management of up to 48 patch cords, attached to each side of the guiding panel (or any panel with Quick Fix). Available for 1U and 2U.



Vertical rings for rack 600 x 600

For the 600 x 600 racks, use the smaller tie up devices to keep your installations in neat order.



Empty sliding panel for S-One connectors 1U 24 ports

- Empty sliding 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions:
 - evolution: panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
 - basic: panels without shutters, label holders, cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for FTP/STP versions.

Evolution version: pre-equipped with 24 light grey shutters, 4 label holders, 1 rear cable organizer



P111249

Description	Reference
Empty panel 1U UTP 24 ports	VDIG112241U
Empty panel 1U FTP/STP 24 ports	VDIG112241F

Basic version: without label holders and cable organizer



P111250

Description	Reference
Empty panel 1U UTP 24 ports	VDIG012241U



P111251

Empty panel 1U FTP/STP 24 ports	VDIG012241F
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Equipped sliding panel with S-One connectors 1U 24 ports

- Equipped sliding 19" copper panel (with connectors, not mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions:
 - evolution: panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
 - basic: panels without shutters, label holders, cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for FTP/STP versions.

Evolution version: pre-equipped with 24 RJ45 S-One connectors (not mounted) and 24 light grey shutters, 4 label holders, 1 rear cable organizer



Description	Reference
Category 5e	
Equipped panel 1U with 24 RJ45 Cat 5e UTP	VDIG118241U50
Equipped panel 1U with 24 RJ45 Cat 5e FTP	VDIG118241F50
Category 6	
Equipped panel 1U with 24 RJ45 Cat 6 UTP	VDIG118241U60
Equipped panel 1U with 24 RJ45 Cat 6 STP	VDIG118241B60
Category 6_A	
Equipped panel 1U with 24 RJ45 Cat 6 _A UTP	VDIG118241UX0
Equipped panel 1U with 24 RJ45 Cat 6 _A STP	VDIG118241BX0

Basic version Pre-equipped with 24 S-One connectors (not mounted). Without shutters, label holders and cable organizer.



Description	Reference
Category 5e	
Equipped panel 1U with 24 RJ45 Cat 5e UTP	VDIG018241U50
Equipped panel 1U with 24 RJ45 Cat 5e FTP	VDIG018241F50
Category 6	
Equipped panel 1U with 24 RJ45 Cat 6 UTP	VDIG018241U60
Equipped panel 1U with 24 RJ45 Cat 6 STP	VDIG018241B60
Category 6_A	
Equipped panel 1U with 24 RJ45 Cat 6 _A STP	VDIG018241BX0



Empty sliding panel for S-One DPM connectors 1U 24 ports

- Empty sliding 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar.

Evolution version: pre-equipped with 24 light grey shutters, 4 label holders, 1 rear cable organizer

Description	Reference
Empty panel for DPM connectors 1U UTP ports	VDIG111241U
Empty panel for DPM connectors 1U FTP/STP 24 ports	VDIG111241F



Basic version: without label holders and cable organizer

Description	Reference
Empty panel for DPM connectors 1U FTP/STP 24 ports	VDIG011241F

Equipped sliding panel with S-One DPM connectors 1U 24 ports

- Equipped sliding 19" copper panel (with connectors, not mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions:
 - evolution: panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
 - basic: panels without shutters, label holders, cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for FTP/STP versions.

Evolution version: pre-equipped with 24 RJ45 S-One DPM connectors (not mounted) and 24 light grey shutters, 4 label holders, 1 rear cable organizer

Description	Reference
Category 6	
Equipped panel 1U with 24 RJ45 Cat 6 UTP	VDIG111241U60
Equipped panel 1U with 24 RJ45 Cat 6 STP	VDIG111241B60
Category 6_A	
Equipped panel 1U with 24 RJ45 Cat 6 _A UTP	VDIG111241UX0
Equipped panel 1U with 24 RJ45 Cat 6 _A STP	VDIG111241BX0



Basic version Pre-equipped with 24 RJ45 S-One DPM connectors (not mounted). Without shutters, label holders and cable organizer.

Description	Reference
Category 6_A	
Equipped panel 1U with 24 RJ45 Cat 6 _A STP	VDIG011241BX0

Telecom panel 50 ports

- Telecom panel 50 ports in 2 rows
- 1U height
- The telecom cable wires are terminated in LSA punch down blocks on the PCB according to a clear numbering
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- With label holders
- Cable organizer at the rear with number identification.

P111256



Description	Reference
Telecom panel 50 ports	VDIG141501

Empty fixed panel for S-110 connectors 1U 24 ports (compatible with Cat 6 and Cat 5e not compatible for Cat 6_A)

- Empty fixed 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Panels equipped with 4 label holders and a metal tray cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting.

Evolution version: pre-equipped with 4 label holders and a metal tray cable manager

P133075



Description	Reference
Empty panel 1U for S-110 connectors Keystone UTP 24 ports	VDIG113241U

Equipped fixed panel with S-110 connectors, Cat 6 and Cat 5e UTP, 1U 24 ports,

- Equipped fixed 19" copper panel (with connectors, pre-mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Panels equipped with 4 label holders and a metal tray cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting and dismounting.

Evolution version: pre-equipped with 24 RJ45 S-110 Keystone connectors (pre-mounted) and a metal tray cable manager

P133076



Description	Reference
Category 5e Equipped panel 1U with 24 RJ45 S-110 connectors Keystone Cat 5e UTP	VDIG113241U50
Category 6 Equipped panel 1U with 24 RJ45 S-110 connectors Keystone Cat 6 UTP	VDIG113241U60

Equipped fixed panel with S-110 connectors, Cat 6_A UTP, 1U 24 ports

- Equipped fixed 19" copper panel (with connectors, pre-mounted)
- Equipped with S-110 Cat 6_A unshielded connectors, black colour, without shutters
- 1U height
- 24 RJ45 ports
- Panels equipped with 2 label holders and a cable manager
- The cable manager can rotate and be removed to ease the accessibility.

P119458



Description	Reference
Category 6_A Equipped panel 1U with 24 RJ45 S-110 connectors Keystone Cat 6 _A UTP	ACTPP6ATGU24NSS

19-C Copper panels, high-density Range

Empty flat panel for S-One connectors in angle, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Allows high-density copper ports installation. Connectors are positioned in angle to guide the patch-cords to the vertical sides of the enclosure. The installation of copper ports is maximised as there is no need to consume rack units to mount horizontal guiding panels
- Recommended mounting with vertical side ring for vertical management of the patch-cords (reference VDIM189412)
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Equipped with a label holder and a cable manager at the rear
- The cable manager can rotate and be removed to ease the accessibility
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 and PC
- Simple clicking the connectors for mounting
- Automatic earthing with pre-equipped bus bar.

Empty flat 19" copper panel for connectors in angle (delivered without connectors)

Description	Reference
Empty flat panel for connectors in angle 1U FTP/STP 24 ports	VDIG328241B



Equipped flat panel with S-One connectors in angle, Cat 6_A STP, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Allows high-density copper ports installation. Connectors are positioned in angle to guide the patch-cords to the vertical sides of the enclosure. The installation of copper ports is maximised as there is no need to consume rack units to mount horizontal guiding panels
- Recommended mounting with vertical side ring for vertical management of the patch-cords (reference VDIM189412)
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Equipped with a label holder and a cable manager at the rear
- The cable manager can rotate and be removed to ease the accessibility
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 and PC
- Simple clicking the connectors for mounting
- Automatic earthing with pre-equipped bus bar.

Equipped flat 19" copper panel with connectors in angle (connectors included, not mounted)

Description	Reference
Equipped flat panel with connectors in angle 1U with 24 RJ45 Cat 6 _A STP	VDIG328241BX0



Empty flat panel for S-One DPM connectors in angle, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Allows high-density copper ports installation. Connectors are positioned in angle to guide the patch-cords to the vertical sides of the enclosure. The installation of copper ports is maximised as there is no need to consume rack units to mount horizontal guiding panels
- Recommended mounting with vertical side ring for vertical management of the patch-cords (reference VDIM189412)
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Equipped with a label holder and a cable manager at the rear
- The cable manager can rotate and be removed to ease the accessibility
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 and PC
- Simple clicking the connectors for mounting
- Automatic earthing with pre-equipped bus bar.

Empty flat 19" copper panel for DPM connectors in angle (delivered without connectors)

Description	Reference
Empty flat panel for DPM connectors in angle 1U FTP/STP 24 ports	VDIG321241B



19-C Cable management and accessories

S-One, S-One DPM and S-110 ranges



Patch cord guiding panels

- Patch cord guiding panel
- 1U, 2U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- 4 openable rings
- Patch cord holder integrated inside the ring for opened position.

Description	Reference
Patch cord guiding panel 1U with 4 openable rings	VDIG188141
Patch cord guiding panel 2U with 4 openable rings	VDIG188142



Brush guiding panel

- Patch cord guiding panel
- 1U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

Description	Reference
Patch cord brush guiding panel 1U	VDIG188201



Side rings for vertical management

- Rings for vertical management of patch cords, in horizontal and vertical position
- Openable
- For racks 800 x 800 mm and 600 x 600 mm
- Can be fixed on each side of any Quick Fix system panel or guiding panel
- Large capacity up to 48 cords.

Description	Reference
Horizontal ring for vertical management of patch cords, 1U, for rack 800x800 mm	VDIM189112
Vertical ring for vertical management of patch cords, 2U, for rack 800x800 mm	VDIM189412
Ring for vertical management of patch cords, using self-grip strip, for rack 600x600 mm	VDIM189111



Cable organizer

Description	Reference
Cable organizer for fixation of up to 24 cables inside the panel	VDIM11U001



Label holders for data panels

Description	Reference
Transparent label holders pack of 4 pcs	VDIM11U002



RJ45 Shutters

Description	Reference
Shutters, blue, pack of 24 pcs	VDIM11U241
Shutters, yellow, pack of 24 pcs	VDIM11U242
Shutters, green, pack of 24 pcs	VDIM11U243
Shutters, red, pack of 24 pcs	VDIM11U244
Shutters, grey, pack of 24 pcs	VDIM11U246



Rack earthing kit

Description	Reference
Rack earthing kit, pack of 10 pcs	VDIM48E011

19-C Cable management and accessories

S-One, S-One DPM and S-110 ranges

P110146

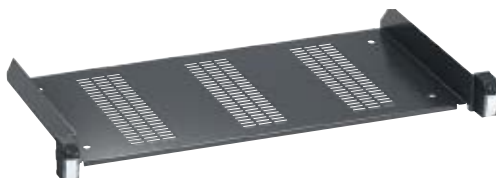


Metal blank panel

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

Description	Reference
Blank panel 1U	VDIG188021

P110147



Metal shelf

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

Description	Reference
Shelf 1U, depth 250 mm, for max weight 15 kg	VDIG188011

P110577



Tool

- Punch Down Tool for LSA contacts, to use for Telecom panel cable connection.

Description	Reference
Punch down tool LSA Contacts	VDIB299001

P113144



Others

Description	Reference
Ericsson rack panel mounting accessory	VDIM18W001



Panel range with Croco DPM

Actassi data panels

The data panels contain a front configuration for 24 RJ45 connectors. All panels have the smart Quick Fix function. They are also available pre-equipped with connectors, label holders and a rear cable organizer. We try to make your life as easy as possible.



Pre-equipped

The data panel is also available pre-equipped with DPM connectors (cat 5/6/6_A) as an “all-in-one concept”.



Sliding helps installation

Maintenance and extensions are smoothly performed with the help of the Quick Fix sliding function.



Cable management

Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



Rear position numbers

Keeping track of each RJ45 could sometimes be very hard. Actassi is changing all of that! The cable numbers at the rear correspond to those at the front, simplifying installation and maintenance from both sides of the rack.



Automatic earthing

An automatic earthing for FTP/STP versions is integrated in the panel.

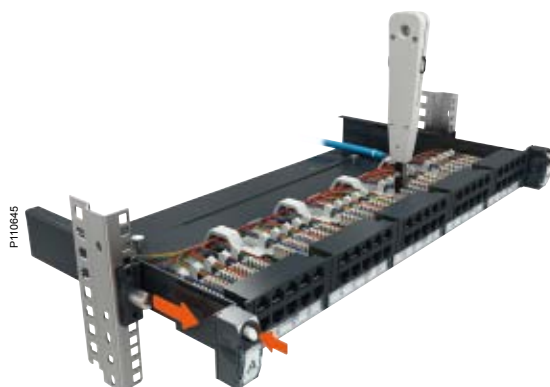
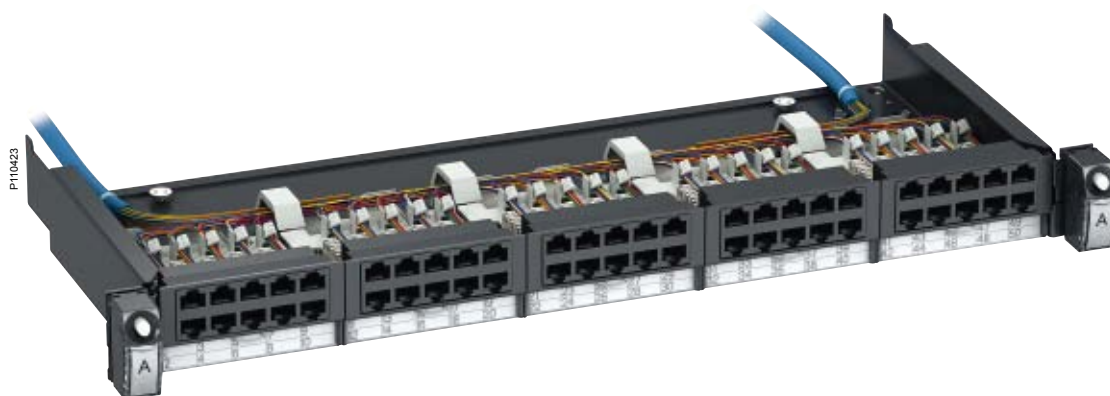


Clear front marking

Each panel plate has an openable label holder. Print your own labels or use the included versions with pre-printed port numbers. Each shutter can also be colour coded for quick identification in both open and closed positions.

Actassi telecom panels

The smart and high capacity 19" telecom patch panel provides up to 50 connections. Very easy fixation of the panel thanks to the Quick Fix function with guiding fingers and pre-mounted screws. The label holders are easily opened without using any tool.



Exceptional robustness

The sliding function does not deteriorate the stability. As a proof you can use the punch down tool for LSA contacts with the panel in a sliding-out position. You don't need to remove it from the rack first!



Punch down tool

This is the punch down tool for LSA contacts, to be used for telecom cable connections.



Cable identification

No need trying to figure out which cable goes where. The cable identification is very clear on the clever fixing guides.



Safe and easy earthing

The panel has two earthing connection points for both shielded cables and for the rack, easily accessible at the rear.



Clear marking

The telecom panel comes with pre-printed labels and openable label holders.

Power panels and accessories

The Actassi system also includes a range of power panels and smart accessories for improved cable management. The power panels are available in several versions, for example with a protected light switch and overvoltage protection. The innovative patchcords guiding panel is equipped with four openable rings, managing up to 48 cords.



Power panel

With Quick Fix function and 3 m of power cord. Several versions, for example with protected circuit breaker/earth leakage.



Brush and blank panel

Brush guiding panel. Blank panel instead of an empty gap in the rack.



Guiding panels for patch cords

The 1U panel manages 24 cords, and 2U panel 48 cords. Easily opened but still safe, since a clever device prevents cords from falling out. Also possible to pull out only one cord if needed.



Side rings for rack 800x800

Rings for vertical management of up to 48 patch cords, attached to each side of the guiding panel (or any panel with Quick Fix). Available for 1U and 2U.



Vertical rings for rack 600x600

For the 600x600 racks, use the smaller tie up devices to keep your installations in neat order.



Empty sliding panel 1U 24 ports

- Empty sliding 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions: Evolution and Basic
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Unmounting of connectors by using included tool
- Automatic earthing for STP versions.

Evolution version: pre-equipped with 4 label holders, 1 rear cable organizer

Description	Reference
Empty panel 1U UTP 24 ports for DPM connectors	VDIG11Y241U
Empty panel 1U STP 24 ports for DPM connectors	VDIG11Y241F

Basic version: with port identification 1-24. Without label holders and cable organizer

Description	Reference
Empty panel 1U UTP 24 ports for DPM connectors	VDIG01Y241U
Empty panel 1U STP 24 ports for DPM connectors	VDIG01Y241F

Equipped sliding panel 1U 24 ports

- Equipped sliding 19" copper panel (with connectors, not mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions: Evolution and Basic
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Unmounting of connectors by using included tool
- Automatic earthing for STP versions.

Evolution version: pre-equipped with 24 RJ45 connectors (not mounted), 4 label holders, 1 rear cable organizer

Description	Reference
Category 5e Equipped panel 1U with 24 RJ45 Cat 5 UTP DPM connectors	VDIG11Y241U50

Category 5e Equipped panel 1U with 24 RJ45 Cat 5 STP DPM connectors	VDIG11Y241B50
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Category 6 Equipped panel 1U with 24 RJ45 Cat 6 UTP DPM connectors	VDIG11Y241U60
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Category 6 Equipped panel 1U with 24 RJ45 Cat 6 STP DPM connectors	VDIG11Y241B60
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P111254



P111259



P111255



P111253



P111255



P111257



19-C Copper panels

Croco DPM footprint

Telecom range

Evolution version: pre-equipped with 24 RJ45 connectors (not mounted), 4 label holders, 1 rear cable organizer (cont.)

Description	Reference
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Category 6_A Equipped panel 1U with 24 RJ45 Cat 6 _A STP DPM connectors	VDIG11Y241BX0
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P111258



Basic version: pre-equipped with 24 RJ45 connectors (not mounted). With port identification 1-24. Without label holders and cable organizer

Description	Reference
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Category 5e Equipped panel 1U with 24 RJ45 Cat 5 UTP DPM connectors	VDIG01Y241U50
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P111261



Category 5e Equipped panel 1U with 24 RJ45 Cat 5 STP DPM connectors	VDIG01Y241B50
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P111263



Category 6 Equipped panel 1U with 24 RJ45 Cat 6 UTP DPM connectors	VDIG01Y241U60
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P111261



Category 6 Equipped panel 1U with 24 RJ45 Cat 6 STP DPM connectors	VDIG01Y241B60
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P111264



Category 6_A Equipped panel 1U with 24 RJ45 Cat 6 _A STP DPM connectors	VDIG01Y241BX0
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P111265



Telecom panel 50 ports

- Telecom panel 50 ports in 2 rows
- 1U height
- The telecom cable wires are terminated in LSA punch down blocks on the PCB according to a clear numbering
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- With label holders
- Cable organizer at the rear with number identification.

Description	Reference
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Telecom panel 50 ports	VDIG141501
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P111256



19-C Cable management and accessories

Croco DPM range



Patch cord guiding panels

- Patch cord guiding panel
- 1U, 2U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- 4 openable rings
- Patch cord holder integrated inside the ring for opened position.

Description	Reference
Patch cord guiding panel 1U with 4 openable rings	VDIG188141
Patch cord guiding panel 2U with 4 openable rings	VDIG188142

Brush guiding panel

- Patch cord guiding panel
- 1U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

Description	Reference
Patch cord brush guiding panel 1U	VDIG188201

Side rings for vertical management

- Rings for vertical management of patch cords, in horizontal and vertical position
- Openable
- For racks 800 x 800 mm and 600 x 600 mm
- Can be fixed on each side of any Quick Fix system panel or guiding panel
- Large capacity up to 48 cords.

Description	Reference
Horizontal ring for vertical management of patch cords, 1U, for rack 800x800 mm	VDIM189112
Vertical ring for vertical management of patch cords, 2U, for rack 800x800 mm	VDIM189412
Ring for vertical management of patch cords, using self-grip strip, for rack 600x600 mm	VDIM189111

Cable organizer

Description	Reference
Cable organizer for fixation of up to 24 cables inside the panel	VDIM11U001

Label holders for data panels

Description	Reference
Transparent label holders pack of 4 pcs	VDIM11U003

Rack earthing kit

Description	Reference
Rack earthing kit, pack of 10 pcs	VDIM48E010



19-C Cable management and accessories

Croco DPM range

P110145

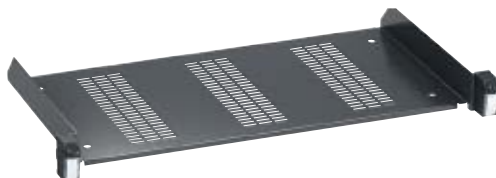


Metal blank panel

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

Description	Reference
Blank panel 1U	VDIG188021

P110147



Metal shelf

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

Description	Reference
Shelf 1U, depth 250 mm, for max weight 15 kg	VDIG188011

P110577



Tool

- Punch Down Tool for LSA contacts, to use for Telecom panel cable connection.

Description	Reference
Punch down tool LSA Contacts	VDIB299001

P113144



Others

Description	Reference
Ericsson rack panel mounting accessory	VDIM18W001

19" power panel 16 A/250 V

- Profile: 1U height ALU Anodize
- Sockets: 2-pole with earthing contact 16 A/3680 W, AC 250 V, IP20, colour RAL 7016, plastic material: PA6 GF30
- 1 Quick Fix function on both sides to allow a simple, quick fixing position fitted with 3 m length power cord
- Supplied with personalized cable identification labels.

Standard

Description	Reference
Power panel 9 x French outlets according to NF C 61314	VDIG161911
Power panel 9 x Schuko outlets according to DIN 49 440	VDIG161931
Power panel 9 x Danish outlets according to DS/IEC 60884-1	VDIG161941
Power panel 9 x Danish outlets EDB according to DS/IEC 60884-1	VDIG161951

With protected light switch




Description	Reference
Power panel 8 x French outlets according to NF C 61314	VDIG162711
Power panel 8 x Schuko outlets according to DIN 49 440	VDIG162731
Power panel 8 x Danish outlets according to DS/IEC 60884-1	VDIG162841

With protected light switch + overvoltage protection

- Short circuit protection 6.5 kA
- Protection level Up 1.5 kV
- Optic signal for function (green)
- Optic signal for defect (orange).

Description	Reference
Power panel 7 x French outlets according to NF C 61314	VDIG164711
Power panel 7 x Schuko outlets according to DIN 49 440	VDIG164731
Power panel 7 x Danish outlets 10 amp. according to DS/IEC 60884-1	VDIG1647411



		With circuit breaker/earth leakage 230 V, 16 A, 30 mA	
		Description	Reference
P110142		Power panel 6 x French outlets according to NF C 61314	VDIG163611
P110674		Power panel 6 x Schuko outlets according to DIN 49 440	VDIG163631
P110673		Power panel 6 x Danish outlets 10 amp. according to DS/IEC 60884-1	VDIG1636411





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19-C Power panels	119

Actassi fibre optic cables. Part of a total solution.

Actassi Fibre LAN cables are an important part of our total Network Connectivity solution that also includes panels, enclosures, connectors etc. All Network Connectivity products are specially designed to work perfectly together with complementary Schneider Electric products like trunking, poles, boxes and wiring devices in order to deliver true and seamless end-to-end connectivity.



The Fibre LAN offer covers needs for all kinds of LAN installations:

Campus (between buildings), Building backbones (between technical rooms) and Distribution (from technical rooms to workstations).

Actassi network connectivity

- 1 Enclosures
- 2 Panels for data, fibre optic and telecom
- 3 Fibre LAN backbone cables
- 4 Copper LAN and Fibre LAN distribution cables
- 5 Fibre LAN campus cables
- 6 Fibre data sockets in trunking
- 7 Fibre data sockets in posts
- 8 Fibre data sockets in floor boxes

A complete product portfolio for LAN installations

The Fibre LAN range offers a complete product portfolio for LAN installations. Providing the best support for high-speed data networks the fibre LAN range complements our Copper LAN offer. Optic cables, patchcords, connectors, tools and accessories are part of the Fibre LAN offer.



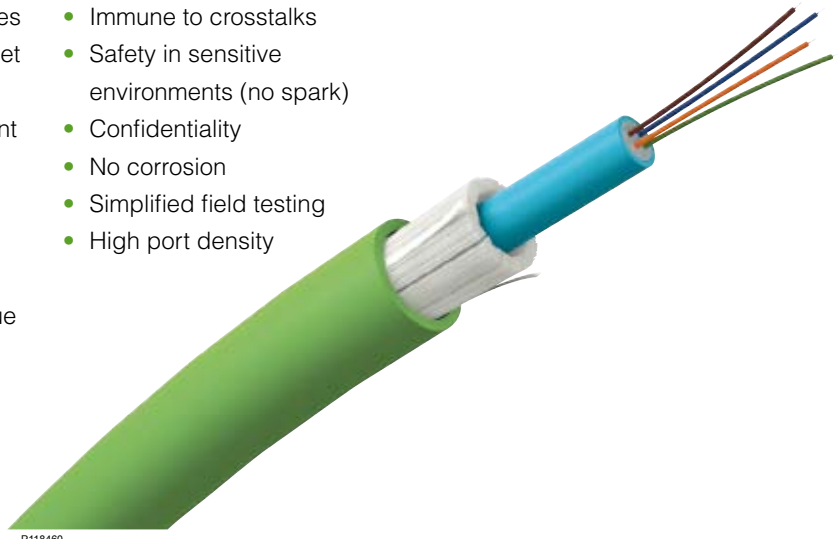
The Actassi 19" fibre optic panel is one of the most installation and user-friendly panels on the market. Quick-fix, sliding function, integrated guiding panel, excellent protection and clear marking, coiling wheels and much more.

3

Fibre optic technology offers several advantages



- Very high data rates
- Flexible, reliable network works
- Very low & constant attenuation
- Long distances (up to 40 km)
- No EMC rules
- No grounding issue
- Immune to crosstalks
- Safety in sensitive environments (no spark)
- Confidentiality
- No corrosion
- Simplified field testing
- High port density



Fibre optic performances

Actassi Fibre LAN is a reliable and robust solution for high-speed data networks. The range includes both OM1, OM2 and OM3, but also OM4 and OS2 following the latest standards.

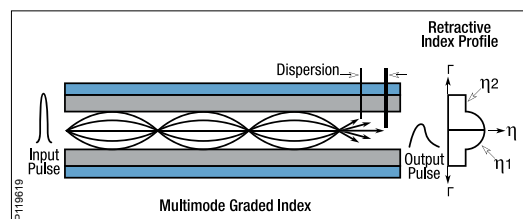
Fibre LAN performances in brief

- Supports all kinds of network applications like 10 Gigabit/s Ethernet, Gigabit/s Ethernet, FastEthernet, Ethernet.
- Guarantees the compatibility with LAN active components.
- Compliant with international LAN optic transmission standards
- Available in multimode and single-mode, adapted to all LAN active equipments using LED, VCSEL and LASER technologies.

Two types of fibres: Multimode and Single-mode

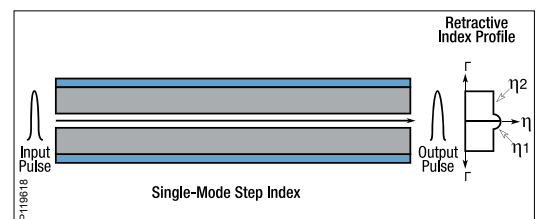
Multimode (OM1,OM2, OM3, OM4)

- 4 ranges of multimode optic fibres performances: OM1 62.5/125, OM2 50/125, OM3 50/125 and OM4 50/125. Meeting the markets needs up to 10 Gigabit/s.
- OM4 50/125 performance. Meeting the markets needs for speeds beyond 40 Gigabit/s and 100 Gigabit/s.
- High bandwidth. Optimized to increase the maximum optic link distance at both operating wavelengths (850 nm and 1300 nm).
- Low attenuation. Optimized to decrease the signal attenuation at both operating wavelengths (850 nm and 1300 nm).

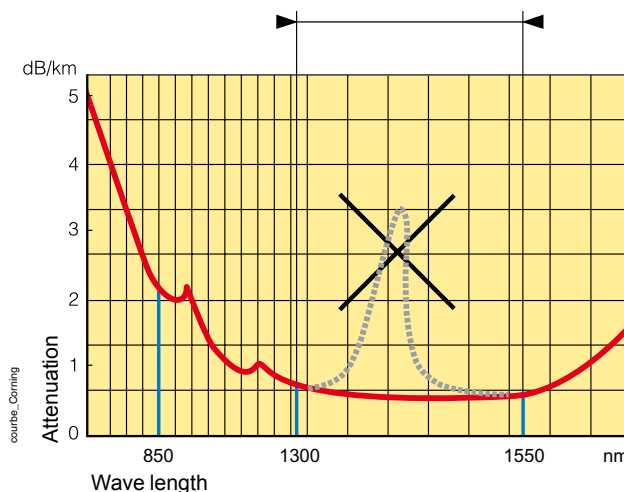


Single-mode (OS1/OS2)

- Single-mode optic fibres performances: OS1/OS2 9/125. Meeting the markets needs for all single-mode applications.
- Low Water Peak and PMD. Optimized to decrease the signal attenuation between 1260 to 1625 nm allowing for multiplexing (modern optical transmission technologies like DWDM).

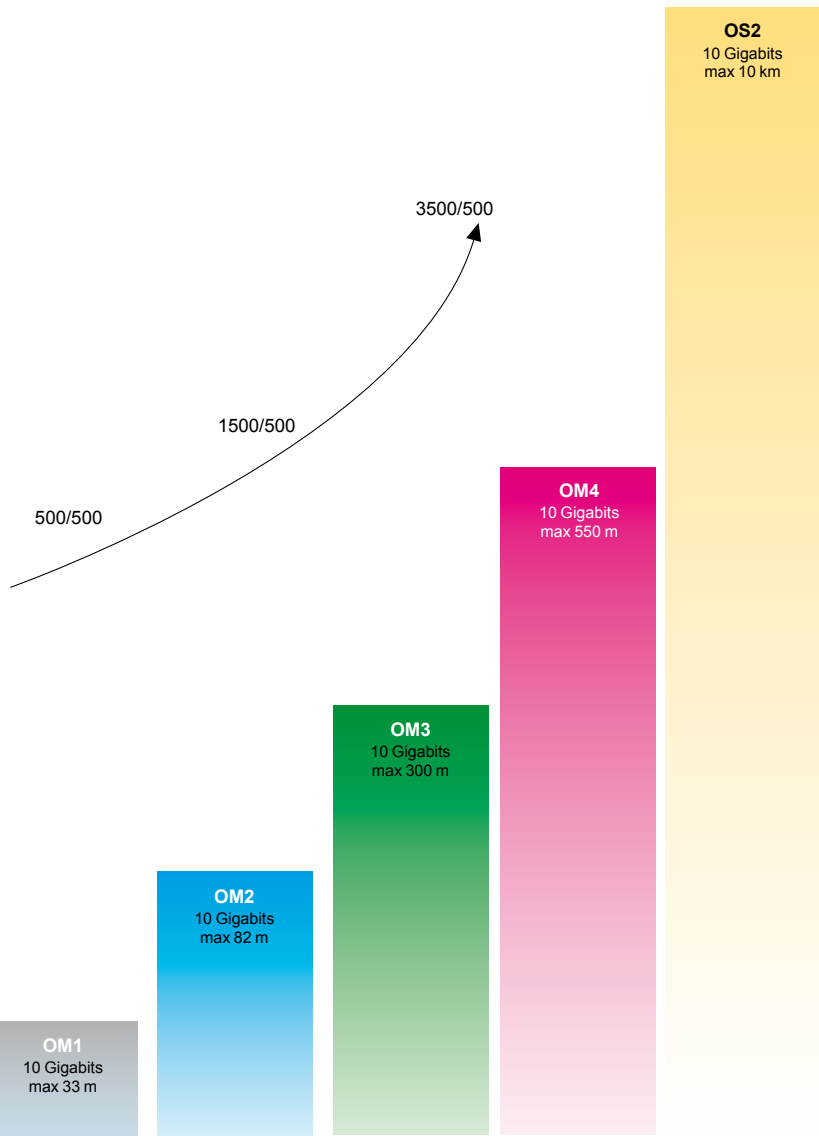


Full Spectrum Fibre





Supports all kinds of network applications



		Multimode fibre				Singlemode fibre
Applications	Wavelength	OM1 62.5/125 µm	OM2 50/125 µm	OM3 50/125 µm	OM4 50/125 µm	OS2 9/125 µm
Overfilled Bandwidth (MHz.km)	OFL 850/1300 nm	200/500	500/500	1500/500	3500/500	-
100 Gbit/s *Draft IEEE 802.3ba		-	-	100 m	125 m	10 km / 40 km
40 Gbit/s *Draft IEEE 802.3ba		-	-	100 m	125 m	10 km / 40 km
10 Gbit/s (10GBASE-SR/SW)	VCSEL 850 nm	33 m	82 m	300 m	550 m	-
10 Gbit/s (10GBASE-LX4)	LASER 1300 nm		300 m	300 m	300 m	-
10 Gbit/s (10GBASE-LRM)	LASER WDM 1300 nm		220 m	220 m	220 m	-
10 Gbit/s (10GBASE-LR/LW)	LASER 1310 nm		-	-	-	10 km
10 Gbit/s (10GBASE-ER/VEW)	LASER 1550 nm		-	-	-	40 km
1 Gbit/s (1000BASE-SX)	VCSEL 850 nm	275 m	550 m	1000 m	1100 m	-
1 Gbit/s (1000BASE-LX)	LASER 1300/1310 nm	550 m	550 m	550 m	600 m	5 km
100 Mbit/s (100BASE-SX)	VCSEL 850 nm	300 m	300 m	300 m	300 m	-
100 Mbit/s (100BASE-LX)	LASER 1300/1310 nm	2000 m	2000 m	2000 m	2000 m	>20 km

Actassi fibre optic connectors and pigtails

Wide range of fibre optic connectors, pigtails and accessories to support all the needs required for connecting fibre to fibre, and fibre to connector inside optic patch panels and/or at workstation.

Performances

SC connectors	LC connectors	ST connectors
Compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2	Compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2	Compliant with TIA/EIA 604-2 and IEC 61754-2

Choice guide

Type of products	Prefered connection	Ferrule type	Recommended application	Installation time		Required skills and equipment	
Unicam connectors	Connector to Tight buffered cable	Ceramic	Field installable No Epoxy No Polish		1 minute		Toolkit
Cold cured/ Heat cured connectors	Connector to Tight buffered and Loose Tube cables	Ceramic	Field installable Epoxy and Polish required		4 minutes		Know how + Toolkit + Oven if heat cured
Pigtails	Loose tube Fibre to Loose tube Fibre	Ceramic	Field installable Splicing equipment		3 minutes		Know how + splicing equipment"
Campsplice	Loose tube Fibre to Loose tube Fibre	Ceramic	Emergency restoration		3 minutes		Toolkit
					Minimum installation time		
					Medium installation time		
					Maximum installation time		
					Minimum skills and equipment		
					Medium skills and equipment		
					Maximum skills and equipment		



Actassi fibre optic solutions

Network Connectivity solutions are key in your data centre to answer your environment constraints. Indeed you have to deal space optimization, MACs, high bandwidth requirements for your active and passive components, security, and CAPEX reduction. In that direction, from Standard Building to Data centre applications, Schneider Electric introduces complete Fibre Optic solutions to cover your needs at all levels.



Schneider Electric introduces complete Fibre Optic solutions to cover your needs at all levels.

Data centre environment evolution and key trends are driving the market

Cloud Computing trends with a significant increase of Big Data volume for the next years

- High bandwidth requirements for computing and core networking applications is growing steadily towards from 10 G to 40 and 100 Gbits
- Higher reliability and security needs: in data centre system downtime cannot be accepted and has to be 100 % under control not to happen

Consolidation, automatization, virtualization of data centres

- Effective optimization of data centre space
- Effective cable management: Slack

management is very important as well as ease airflow to relieve congestion in pathways and spaces

- Capacity planning, Infrastructure management improvements
- Rapid moves, adds and changes (MACs) need to be facilitated

Externalisation with the increase of colocation data centres types

- CAPEX and OPEX reduction Energy

Actassi seamless end-to-end network connectivity



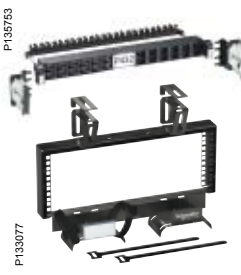
Actassi is a global and scalable network connectivity infrastructure solution for buildings and data centres. It's easy to install, easy to operate and is certified by a third-party independent laboratory at the highest Cat 6_A international standards.

Actassi Standard offer



A complete range of RJ45 connectors, 19" panels, cables and enclosures.

Actassi Specific Data Centre offer



19" flat high-density panels and an innovative overhead patching frame.

Actassi FL-C Pre-Term optic



Pre-terminated fibre optic offer including panels, cassettes and links.

Actassi Iris



An optical cabling system with the highest port density on the market.

Actassi fibre optic solutions for all your needs

Actassi Iris



Large data centres

Actassi FL-C Pre-Term Optic



Large buildings, medium & small data centres

Actassi FL-C Standard panel



Large & high productivity buildings

	From 1 to 5 racks 10 G ready	From 5 to 100 racks 10 G ready Ready to support future 40 G applications	> 100 racks 100 G ready
Data centre type	Small server rooms, Network closet	Finance, IT, Enterprise Corporate, Colocation, Public sectors	Finance, Colocation sectors
Performance	OM3 / OM4 / OS2		
Density Fibre capacity	48 fibres	Classic -> 96 fibres in 1U MTP -> 576 fibres in 1U	Classic -> 576 fibres in 4U MTP -> 576 fibres in 1U
Connectivity type	–	MTP - 12 or 24 fibres	
Key features	<ul style="list-style-type: none"> Standard sliding 24 ports fibre optic panel Standard fibre cabling Day-to-day 	<ul style="list-style-type: none"> 19" panels and pre-connectorized cassettes / links Bend insensitive fibre C Polarity, not compatible with IRIS offer Secured delivery time for projects x3 faster compared to standard installation Project mode 	<ul style="list-style-type: none"> Fibre system with Corning Technology partnership, high end drawer style integrated Clearcurve fibre Universal polarity, not compatible with FL-C offers 25 % faster MAC's (reversible boots) 35 % faster to install Turnkey solutions energy efficiency, cooling, space optimization

3

Actassi FL-C Pre-Term Optic



Answering to your high density and high reliability needs

Actassi Pre-Term Optic is a new Schneider Electric solution for data centres and IT room applications, covering the following requirements:

100 %

100 % pre-assembled and pre-tested in factory.



Plug & play fibre optic solution.

High density and performance for data centres

- Up to 96 ports in 1U, up to 576 fibres
- MTP connector: MPO technical evolution which guarantees better robustness
- OM3, OM4, OS2, Bend Insensitive, Indoor/Outdoor
- Fan out splitter protections
- 10 G ready. Ready to support future 40 G performances thanks to chosen polarity
- Fully compliant to following international standards

High security for your network

- Complete plug & play systems
- Pre-equipped cassettes, panels, standard and cassettes all types of links
- Expertise: factory 100 % pre-assembled and 100 % pre-tested
- On demand length to adjust to end user needs

Time secured for installation on site

- Delivery secured
- x3 faster installation compared to standard optic offer: save connection time on site, only deploy links and then reduce human intervention on site

Scalable and adaptable

- Pay as you grow
- Make your data centre evolve according to your needs
- Extensions possible thanks to on demand links

Energy efficient thanks to "Green environment"

- Fibre use
- Reduce up to 90 % of waste on site



P111047

Panel for cassette

- Empty sliding panel 1U, 19"
- Depth 257 mm
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 cage nuts M6 compatible with perforations 8.5 x 8.5 mm and 9.5 x 9.5 mm.

Overhead support for cassette

- Fixing under cable tray / mesh tray
- Passive optic network easy to relocate, bring flexibility in data centre
- Compliant with all cassettes VDILC*
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 fixation screws.

Sealing plate

- Metallic face plate 1U and 1/2U
- Easy mounting on panels
- Obturation for cassette (1U) or half size (1/2U)
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 screws with unloosable screws.

MTP adapters

- 1U support equipped with MTP adapters
- Use for connectors MTP 12 and 24 fibres
- Mounted on cassettes and overhead patch support for cassettes
- Each adapter is equipped with cap.

MTP adapters cont.

- Color code with adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: green
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 fixation screws.

Cleaning tools

- Optic connectors have to be cleaned before any use for connections in order to ensure the best optic performance.
- Cleaning tools mandatory for SC, LC ou MTP connectors
- Cleaning in 1 action, Clean all type of residual
- More than 500 cleaning use for 1 single cleaning tool
- Adaptation for adapters
- RoHS compliant
- Unit packaging.

Demo kit

- Aluminium pack
- Pack equipped with:
 - 1 optic panel equipped 96 LCq / 4*24 MTP
 - 1 cassette 6*24 MTP pre-terminated 6*24 MTP - 2 meters
 - 1 link 24 LC preterminated 1*24 MTP - 2 meters
 - 1 tool MTP
- Dimensions: 550 x 430 x 195 mm
- Unit packaging.

Empty panels and accessories

Type	Ref. No
Empty panel 1U 19" for 4 cassettes or 8 half size cassettes	VDILP3
Overhead panel for 1 cassette 257 mm	VDILP5
Sealing plate 1 slot 1U for VDILP3	VDILA1
Sealing plate 1 slot 1/2U for VDILP3	VDILA2
Plate equipped with 6 adapters MTP OM3 for VDILP3	VDILA33
Plate equipped with 6 adapters MTP OM4 for VDILP3	VDILA34
Plate equipped with 6 adapters MTP OS2 for VDILP3	VDILA36
Cleaning tool LC	VDILA501
Cleaning tool SC	VDILA503
Cleaning tool MTP	VDILA504
Demo kit	VDILA4

P140772



Optic panels pre-connectorized SC/LC/LCq to MTP Specifications

- Metallic panels equipped with optic connectors pre-connectorized in factory
- 48 ports (SC or LC) and 96 ports (LCq) in 1U
- Depth 270 mm
- Pre-Tested panels in factory. Traceability per serial number
- Closed panels and equipped panels with immunity labels
- Color code with SC/LC/LCq adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: bleu
- MTP at the rear with 12 or 24 ports
- Can be inserted with MTP architecture in C polarity
- Color code MTP adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: vert
- Optic Standards: ANSI/TIA-568-C.0-2-2012
- 10 G ready. Ready to support future 40 G applications
- Unit packaging
- Epoxy RAL 9005 - Black color
- Provided with 2 cage nuts M6 compatible with perforations 8.5 x 8.5 mm and 9.5 x 9.5 mm
- Transparent SC connector to ease testing
- Testing report available on customer request.

Performances

- Optic Standards: ANSI/TIA-568-C.0-2-2012
- OM3, OM4, OS2.

Pre equipped fibre panel SC / LC / LCq to MTPm				
Performance	Connector		MTP	Ref. No
	Type	Number		
OM3	LC	48	2 x 24	VDILP131S5L
			4 x 12	VDILP131S5F
	LCq	96	4 x 24	VDILP132U5N
			8 x 12	VDILP132U5H
	SC	48	2 x 24	VDILP133S5L
			4 x 12	VDILP133S5F
OM4	LC	48	2 x 24	VDILP141S5L
			4 x 12	VDILP141S5F
	LCq	96	4 x 24	VDILP142U5N
			8 x 12	VDILP142U5H
	SC	48	2 x 24	VDILP143S5L
			4 x 12	VDILP143S5F
OS2	LC	48	2 x 24	VDILP161S5L
			4 x 12	VDILP161S5F
	LCq	96	4 x 24	VDILP162U5N
			8 x 12	VDILP162U5H
	SC	48	2 x 24	VDILP163S5L
			4 x 12	VDILP163S5F

P140773



Pre-connectorized optic cassette SC / LC to MTP Specifications

- Pre-terminated optic cassettes enable architecture evolution according to your needs -> Pays as you grow
- Metallic cassettes are 100 % pre-equipped and pre-tested with optic connectors at factory site
- Optic cassettes 12 and 24 ports in 1U
- Optic cassettes 12 ports in 1/2U
- Traceability per serial number
- Cassettes can be mounted in cassette panel VDILP3 (4 cassettes capacity) and in overhead support VDILP5 (1 cassette capacity)
- Color code with SC/LC/LCq adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: blue
- MTP at the rear with 12 or 24 ports
- Can be inserted with MTP architecture in C polarity
- Color code MTP adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: green
- Optic Standards: ANSI/TIA-568-C.0-2-2012
- 10 G ready. Ready to support future 40 G applications
- Unit packaging
- Epoxy RAL 9005 - Black color
- Provided with 2 fixation screws
- Transparent SC connector to ease testing.

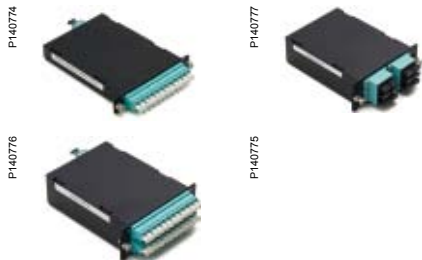
Performances

- Optic Standards: ANSI/TIA-568-C.0-2-2012
- OM3, OM4, OS2.

Cassette MTP preterminated LC or SC

Performance	Connector		MTP	Ref. No		
	Type	Number				
OM3	LC	12	1 x 12	VDILC135C1C*		
			VDILC235C1C			
		24	1 x 24	VDILC235K1K		
	2 x 12		VDILC235D1D			
	SC	12	1 x 12	VDILC235C3C		
			OM4	LC	12	1 x 12
VDILC245C1C						
24	1 x 24	VDILC245K1K				
		2 x 12	VDILC245D1D			
	SC	12	1 x 12	VDILC245C3C		
OS2	LC	12	1 x 12	VDILC165C1C*		
			VDILC265C1C			
		24	1 x 24	VDILC265K1K		
	2 x 12		VDILC265D1D			
	SC	12	1 x 12	VDILC265C3C		

* Cassette half size (1/2U)

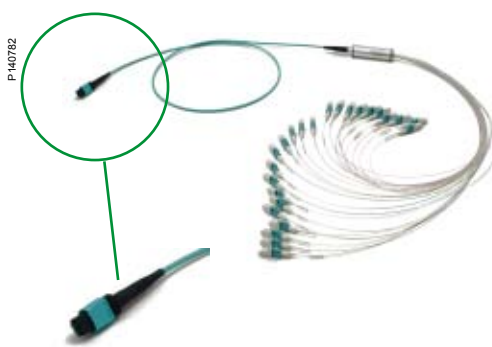
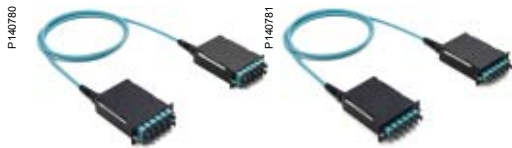
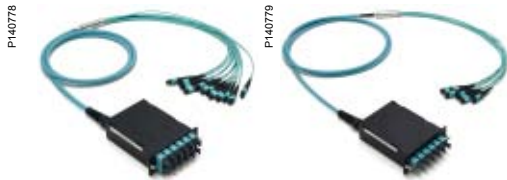


Pre-Terminated Link Configurations with Cassettes, Cables, Fibre Optic connectors

- Metallic Cassette RAL 9005 - Black color
- LSZH cable use - Indoor/Outdoor - Bend insensitive
- LC/SC/MTP connectors.

Cassette MTPm preterminated MTPm			
Performance	Connector		Ref. No (xxx: length in meters)
	MTP	MTP	
OM3	12 x 12	12 x 12	VDILC435J5J0XXX
	6 x 12	6 x 12	VDILC435G5G0XXX
	6 x 24	6 x 24	VDILC435P5P0XXX
OM4	12 x 12	12 x 12	VDILC445J5J0XXX
	6 x 12	6 x 12	VDILC445G5G0XXX
	6 x 24	6 x 24	VDILC445P5P0XXX
OS2	12 x 12	12 x 12	VDILC465J5J0XXX
	6 x 12	6 x 12	VDILC465G5G0XXX
	6 x 24	6 x 24	VDILC465P5P0XXX

Cassette MTPm preterminated cassette MTPm			
Performance	Connector		Ref. No (xxx: length in meters)
	MTP	MTP	
OM3	12 x 12	12 x 12	VDILC335J5J0XXX
	6 x 12	6 x 12	VDILC335G5G0XXX
	6 x 24	6 x 24	VDILC335P5P0XXX
OM4	12 x 12	12 x 12	VDILC345J5J0XXX
	6 x 12	6 x 12	VDILC345G5G0XXX
	6 x 24	6 x 24	VDILC345P5P0XXX
OS2	12 x 12	12 x 12	VDILC365J5J0XXX
	6 x 12	6 x 12	VDILC365G5G0XXX
	6 x 24	6 x 24	VDILC365P5P0XXX



Specifications

- MTP connectors are MPO connectors with more performance
- MTP connectors answers to standards IEC 61754-7 et TIA-604-5 and are compatible with MPO connectors.

Benefits

- High density in 1U up to 576 optic fibres
- Easy deployment of network architecture in your data centre
- Congestion in racks reduced by 70 %.

P-140783



P-140784

Cassette LC or SC pre-terminated cassette LC or SC					
Performance	Connector				Ref. No (xxx: length in meters)
	Type	Number	Type	Number	
OM3	LC	6	LC	6	VDILC331A1A0XXX
			SC		VDILC331A3A0XXX
		12	LC	12	VDILC331C1C0XXX
			SC		VDILC331C3C0XXX
		24	LC	24	VDILC331K1K0XXX
	SC	6	SC	6	VDILC333A3A0XXX
		12	SC	12	VDILC333C3C0XXX
OM4	LC	6	LC	6	VDILC341A1A0XXX
			SC		VDILC341A3A0XXX
		12	LC	12	VDILC341C1C0XXX
			SC		VDILC341C3C0XXX
		24	LC	24	VDILC341K1K0XXX
	SC	6	SC	6	VDILC343A3A0XXX
		12	SC	12	VDILC343C3C0XXX
OS2	LC	6	LC	6	VDILC361A1A0XXX
			SC		VDILC361A3A0XXX
		12	LC	12	VDILC361C1C0XXX
			SC		VDILC361C3C0XXX
		24	LC	24	VDILC361K1K0XXX
	SC	6	SC	6	VDILC363A3A0XXX
		12	SC	12	VDILC363C3C0XXX

FL-C Pre-Term optic

Available on request/Selection guide

P140785



P140786



Cassette LC/SC preterminated LC/SC

Performance	Connector				Ref. No (xxx: length in meters)		
	Type	Number	Type	Number			
OM3	LC	6	LC	6	VDILC431A1A0XXX		
			SC		VDILC431A3A0XXX		
		12	LC	12	VDILC431C1C0XXX		
			SC		VDILC431C3C0XXX		
		24	LC	24	VDILC431K1K0XXX		
			SC		VDILC431K3K0XXX		
	SC	6	LC	6	VDILC433A1A0XXX		
			SC		VDILC433A3A0XXX		
		12	LC	12	VDILC433C1C0XXX		
			SC		VDILC433C3C0XXX		
		OM4	LC	6	LC	6	VDILC441A1A0XXX
					SC		VDILC441A3A0XXX
12	LC			12	VDILC441C1C0XXX		
	SC				VDILC441C3C0XXX		
24	LC			24	VDILC441K1K0XXX		
	SC				VDILC441K3K0XXX		
SC	6		LC	6	VDILC443A1A0XXX		
			SC		VDILC443A3A0XXX		
	12		LC	12	VDILC443C1C0XXX		
			SC		VDILC443C3C0XXX		
	OS2		LC	6	LC	6	VDILC461A1A0XXX
					SC		VDILC461A3A0XXX
12		LC		12	VDILC461C1C0XXX		
		SC			VDILC461C3C0XXX		
24		LC		24	VDILC461K1K0XXX		
		SC			VDILC461K3K0XXX		
SC		6	LC	6	VDILC463A1A0XXX		
			SC		VDILC463A3A0XXX		
		12	LC	12	VDILC463C1C0XXX		
			SC		VDILC463C3C0XXX		

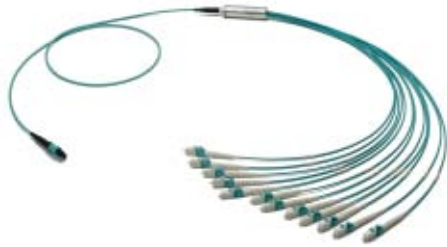
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Trunk MTPf / MTPf

Performance	Connector		Ref. No (xxx: length in metres)
	MTP	MTP	
OM3	1 x 12	1 x 12	VDILL034C4C0XXX
		1 x 24	VDILL034K4K0XXX
		2 x 12	VDILL034K4D0XXX
OM4	2 x 12		VDILL034D4D0XXX
	1 x 12	1 x 12	VDILL044C4C0XXX
		1 x 24	1 x 24
OS2		2 x 12	VDILL044K4D0XXX
	2 x 12		VDILL044D4D0XXX
	1 x 12	1 x 12	VDILL064C4C0XXX
		1 x 24	1 x 24
		2 x 12	VDILL064K4D0XXX
	2 x 12		VDILL064D4D0XXX

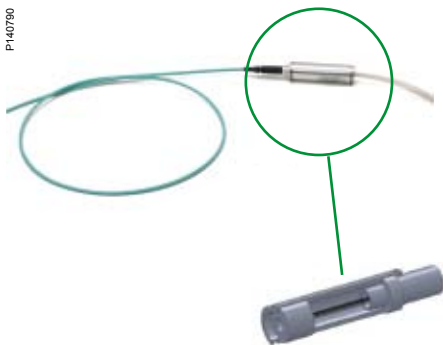
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P140789



P140790



Fanout MTPm / LC or SC

Performance Connector		Type	Number	MTP	Fibre	Ref. No (xxx: length in meters)
OM3	LC	12	1 x 12	2 mm	2 mm	VDILL035C1C2XXX
					900 µm	VDILL035C1C1XXX
		24	1 x 24	2 mm	VDILL035K1K2XXX	
				900 µm	VDILL035K1K1XXX	
			2 x 12	2 mm	VDILL035D1K2XXX	
				900 µm	VDILL035D1K1XXX	
	SC	12	1 x 12	2 mm	VDILL035C3C2XXX	
				900 µm	VDILL035C3C1XXX	
		24	1 x 24	2 mm	VDILL035K3K2XXX	
				900 µm	VDILL035K3K1XXX	
			2 x 12	2 mm	VDILL035D3K2XXX	
				900 µm	VDILL035D3K1XXX	
OM4	LC	12	1 x 12	2 mm	VDILL045C1C2XXX	
				900 µm	VDILL045C1C1XXX	
		24	1 x 24	2 mm	VDILL045K1K2XXX	
				900 µm	VDILL045K1K1XXX	
			2 x 12	2 mm	VDILL045D1K2XXX	
				900 µm	VDILL045D1K1XXX	
	SC	12	1 x 12	2 mm	VDILL045C3C2XXX	
				900 µm	VDILL045C3C1XXX	
		24	1 x 24	2 mm	VDILL045K3K2XXX	
				900 µm	VDILL045K3K1XXX	
			2 x 12	2 mm	VDILL045D3K2XXX	
				900 µm	VDILL045D3K1XXX	
OS2	LC	12	1 x 12	2 mm	VDILL065C1C2XXX	
				900 µm	VDILL065C1C1XXX	
		24	1 x 24	2 mm	VDILL065K1K2XXX	
				900 µm	VDILL065K1K1XXX	
			2 x 12	2 mm	VDILL065D1K2XXX	
				900 µm	VDILL065D1K1XXX	
	SC	12	1 x 12	2 mm	VDILL065C3C2XXX	
				900 µm	VDILL065C3C1XXX	
		24	1 x 24	2 mm	VDILL065K3K2XXX	
				900 µm	VDILL065K3K1XXX	
			2 x 12	2 mm	VDILL065D3K2XXX	
				900 µm	VDILL065D3K1XXX	

Offering 2 methods for fibre optic split for fan out configurations

A lot of link configurations exist, they are proposed with 2 different ways for splitting:

- Traditional method with heat-shrinkable girdle
- Advanced method with metallic splitter
- Universal for all type of cables:
 - tight buffered structure
 - 250 µm unitube
 - 900 µm tight buffered
- Metallic splitter advantages are:
 - Fibre protection per metallic splitter, Re-sheathing in 2.0 mm possible, fibres without congestion and stress
 - Less cable and less mesh tray needed thanks to diameter reduction
 - Links easy to deploy thanks to bend radius reduction
- Applicable on all type of cables.



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P140793

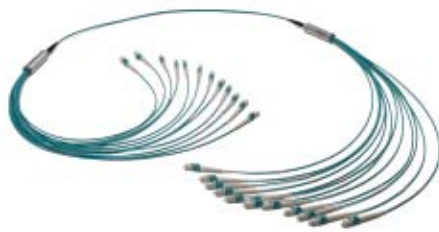


Traditional link LC or SC						
Performance	Connector		Type	Number	Fibre	Ref. No (xxx: length in meters)
	Type	Number				
OM3	LC	6	LC	6	900 µm	VDILL031A1A3XXX
			SC		900 µm	VDILL031A3A3XXX
		12	LC	12	900 µm	VDILL031C1C3XXX
			SC		900 µm	VDILL031C3C3XXX
		24	LC	24	900 µm	VDILL031K1K3XXX
			SC		900 µm	VDILL031K3K3XXX
	SC	6	SC	6	900 µm	VDILL033A3A3XXX
			SC	12	900 µm	VDILL033C3C3XXX
		24	SC	24	900 µm	VDILL033K3K3XXX
OM4	LC	6	LC	6	900 µm	VDILL041A1A3XXX
			SC		900 µm	VDILL041A3A3XXX
		12	LC	12	900 µm	VDILL041C1C3XXX
			SC		900 µm	VDILL041C3C3XXX
		24	LC	24	900 µm	VDILL041K1K3XXX
			SC		900 µm	VDILL041K3K3XXX
	SC	6	SC	6	900 µm	VDILL043A3A3XXX
			SC	12	900 µm	VDILL043C3C3XXX
		24	SC	24	900 µm	VDILL043K3K3XXX
OS2	LC	6	LC	6	900 µm	VDILL061A1A3XXX
			SC		900 µm	VDILL061A3A3XXX
		12	LC	12	900 µm	VDILL061C1C3XXX
			SC		900 µm	VDILL061C3C3XXX
		24	LC	24	900 µm	VDILL061K1K3XXX
			SC		900 µm	VDILL061K3K3XXX
	SC	6	SC	6	900 µm	VDILL063A3A3XXX
			SC	12	900 µm	VDILL063C3C3XXX
		24	SC	24	900 µm	VDILL063K3K3XXX

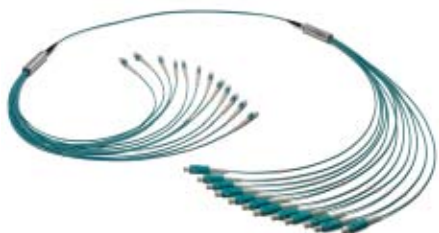
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Traditional link LC or SC with metallic splitter							
Performance	Connector		Type	Number	Fibre	Ref. No (xxx: length in meters)	
	Type	Number					
OM3	LC	12	LC	12	2 mm	VDILL031C1C2XXX	
					900 µm	VDILL031C1C1XXX	
					2 mm	VDILL031C3C2XXX	
		900 µm	VDILL031C3C1XXX				
		24	LC	24	2 mm	VDILL031K1K2XXX	
					900 µm	VDILL031K1K1XXX	
	2 mm				VDILL031K3K2XXX		
	900 µm		VDILL031K3K1XXX				
	SC		12	SC	12	2 mm	VDILL033C3C2XXX
						900 µm	VDILL033C3C1XXX
		2 mm				VDILL033K3K2XXX	
		900 µm	VDILL033K3K1XXX				
OM4		LC	12	LC	12	2 mm	VDILL041C1C2XXX
						900 µm	VDILL041C1C1XXX
	2 mm					VDILL041C3C2XXX	
	900 µm		VDILL041C3C1XXX				
	24		LC	24	2 mm	VDILL041K1K2XXX	
					900 µm	VDILL041K1K1XXX	
		2 mm			VDILL041K3K2XXX		
		900 µm	VDILL041K3K1XXX				
		SC	12	SC	12	2 mm	VDILL043C3C2XXX
						900 µm	VDILL043C3C1XXX
	2 mm					VDILL043K3K2XXX	
	900 µm		VDILL043K3K1XXX				
OS2	LC		12	LC	12	2 mm	VDILL061C1C2XXX
						900 µm	VDILL061C1C1XXX
		2 mm				VDILL061C3C2XXX	
		900 µm	VDILL061C3C1XXX				
		24	LC	24	2 mm	VDILL061K1K2XXX	
					900 µm	VDILL061K1K1XXX	
	2 mm				VDILL061K3K2XXX		
	900 µm		VDILL061K3K1XXX				
	SC		12	SC	12	2 mm	VDILL063C3C2XXX
						900 µm	VDILL063C3C1XXX
		2 mm				VDILL063K3K2XXX	
		900 µm	VDILL063K3K1XXX				



FL-C Fibre optic Unicam connectors

Specifications

- Unicam optic connectors suitable for quick and easy direct termination with tight buffered fibre optic cables inside optic patchpanels and/or at workstation:
 - less than 1 minute to connect a Unicam to a tight buffered fibre
 - does not require polishing unlike other no epoxy connectors. Controlled endface processing is part of the factory process
 - zirconia ceramic material ferrules
 - colored housings and boots to identify quickly performances of connectors: OM1: beige housing / Beige boot, OM2: black or beige housing / Black boot, OM3/OM4: black housing / Aqua boot, OS2: blue housing / Blue boot
- The Unicam connector can best be described as a mini pigtail. It incorporates a factory installable fibre stub that is fully bonded into the ferrule. The other end of the fibre is precisely cleaved and placed into the patented alignment mechanism of our mechanical splice. Both the field fibre and fibre stub are fully protected from environmental factors.

Performances

- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2
- ST connectors compliant with TIA/EIA 604-2 and IEC 61754-2.

Unicam multimode connectors

Type	Qty/pack	Ref. No
Unicam connector OM1 62.5/125 SC	1	VDIB502101U
Unicam connector OM1 62.5/125 ST	1	VDIB501101U
Unicam connector OM1 62.5/125 LC	1	VDIB504101U
Unicam connector OM2 50/125 SC	1	VDIB502201U
Unicam connector OM2 50/125 ST	1	VDIB501201U
Unicam connector OM2 50/125 LC	1	VDIB504201U
Unicam connector OM3/OM4 50/125 SC	1	VDIB502301U
Unicam connector OM3/OM4 50/125 LC	1	VDIB504301U

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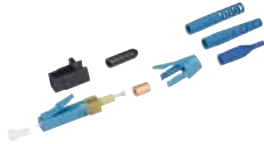
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VDIB699100



P134696



Unicam singlemode connectors

Type	Qty/pack	Ref. No
Unicam connector OS2 9/125 SC	1	VDIB502501U
Unicam connector OS2 9/125 LC	1	VDIB504501U

FL-C Fibre optic Unicam toolkits and accessories

Unicam toolkits and accessories

Type	Ref. No
Cleaver	VDIB699100
Visual Fault Locator VFL	VDIB699005U
Toolkit Unicam High Performance	VDIB699006U

FL-C Fibre optic Cold cured and Heat cured Range

FL-C Fibre optic Cold cured and Heat cured connectors

■ Cold cured optic connectors combining the quick-cure convenience of anaerobic adhesive with the performances of epoxy and polish connectors for installations inside optic patchpanels and/or at workstation

- requires less than 4 minutes to assemble and polish the connector
- does not require electrical power to install
- hand polish

■ The anaerobic adhesive uses a two-part epoxy process. The adhesive is first injected into the connector ferrule. The fiber is dipped into the primer and inserted into the connector. Curing takes one minute without the use of lamp or oven. Then the fiber of the connector requires manual polishing through different grades of sand papers.

■ Heat cured connectors can be used according to installations standards of cold cured connectors.

Cold cured connectors

■ Connectors delivered with boots for 900 µm, 2 and 3 mm jacketed cables, crimp rings for 2 and 3 mm jacketed cables (and 1.6 mm for LC version)

■ Color coding for easy identification of performances (both black and aqua boots for Multimode, blue boot for singlemode)

■ Zirconia ceramic material ferrules.

Heat cured connectors

■ Connectors delivered with boot for 900 µm cables (beige boot for Multimode, blue boot for singlemode)

■ Zirconia ceramic material ferrules.

Performances

■ SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2

■ LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2

■ ST connectors compliant with TIA/EIA 604-2 and IEC 61754-2.

Connectors multimode

Type	Qty/pack	Ref. No
Cold cured Connector MM 50/125 SC	1	VDIB502201C
Cold cured Connector MM 50/125 ST	1	VDIB501201C
Cold cured Connector MM 50/125 LC	1	VDIB504201C
Heat cured Connector MM 50/125 SC	100	VDIB502201H
Heat cured Connector MM 50/125 ST	100	VDIB501201H
Heat cured Connector MM 50/125 LC	100	VDIB504201H

Connectors singlemode

Type	Qty/pack	Ref. No
Cold cured Connector SM 9/125 SC	1	VDIB502501C
Cold cured Connector SM 9/125 LC	1	VDIB504501C
Heat cured Connector SM 9/125 SC	100	VDIB502501H
Heat cured Connector SM 9/125 LC	100	VDIB504501H

FL-C Fibre optic Cold cured and Heat cured toolkits and accessories

Cold cured toolkits and accessories

Cleaver	VDIB699100
Toolkit Cold cured	VDIB699011C
Consumables kit for 500 connectors	VDIB699012C

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P67215



P133687



P133690



P133689



P133686



FL-C Fibre optic pigtaills

Specifications

- Optic pigtaills suitable for splices termination with fibre optic cables inside optic patchpanels and/or at workstation:
 - factory terminated
 - zirconia ceramic material ferrules
 - 900 µm fibre buffered
 - low Smoke Zero Halogen buffer sheath
 - 70 cm length.

Performances

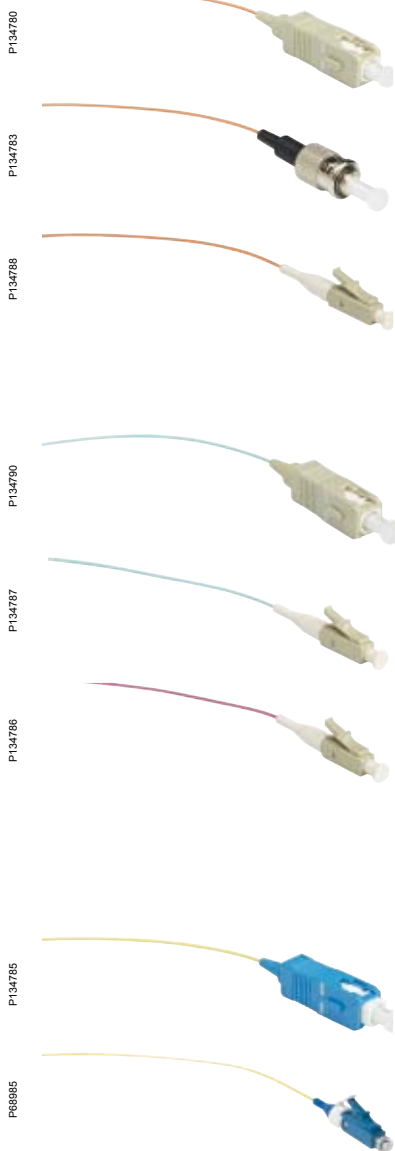
- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2
- ST connectors compliant with TIA/EIA 604-2 and IEC 61754-2.

Pigtail multimode

Type	Ref. No
Pigtail OM1 62.5/125 SC	VDIP641201
Pigtail OM1 62.5/125 ST	VDIP641101
Pigtail OM1 62.5/125 LC	VDIP641401
Pigtail OM2 50/125 SC	VDIP642201
Pigtail OM2 50/125 ST	VDIP642101
Pigtail OM2 50/125 LC	VDIP642401
Pigtail OM3 50/125 SC	VDIP643201
Pigtail OM3 50/125 LC	VDIP643401
Pigtail OM4 50/125 LC	VDIP644401

Pigtail singlemode

Type	Ref. No
Pigtail OS2 9/125 SC	VDIP645201
Pigtail OS2 9/125 LC	VDIP645401



FL-C Fibre optic Camsplice solution

Specifications

■ Camsplice solution suitable for emergency restoration of the connection between 2 fibres (Multimode or Singlemode):

- less than 2 minutes to connect fibres through Camsplice connector
- completed splices fit into the Actassi optic cassette thanks to the fixation spreader for Camsplice
- does not require adhesive or epoxy
- minimal training and few accessories to assemble.

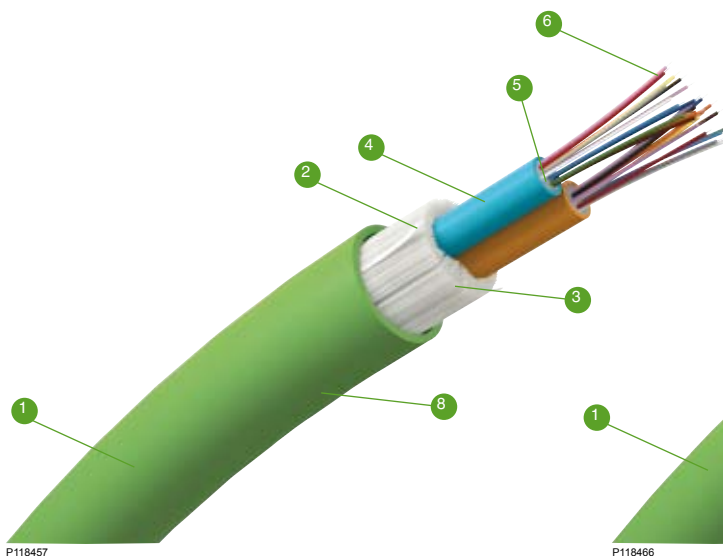
The Camsplice connector incorporates a unique fibre alignment mechanism that self-centers the fibres and provides accurate alignment.

Camsplice	
Type	Ref. No
Camsplice connector	VDIB699021M
Toolkit Camsplice	VDIB699022M
Camsplice Tool	VDIB699023M
Fixation spreader for 5 Camsplice connectors	VDIM15C201

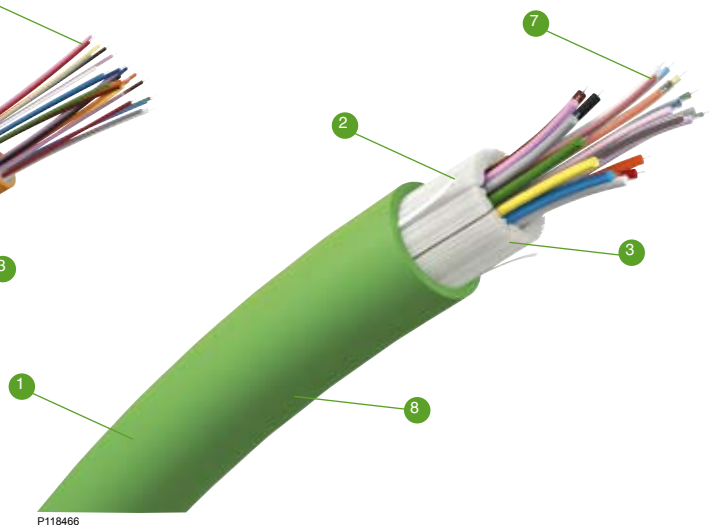
Actassi fibre optic cables

Actassi Fibre LAN range is adapted to the familiar ways of installing optic connectors and pigtails (SC, LC, ST). The range is available under 2 different structures: tight buffered and Loose tube to be used for direct connector termination and for splicing respectively. Both structures are suitable for indoor and specific outdoor installations.

Loose tube



Tight buffered



1 Robust sheath

Tensile strength

Reinforces the tensile strength of the cable.

Robustness

High maximum pulling force and crush resistance of the cable during installation.

UV resistance

Resistance to UV degredation.

Colours

Distinct colours to identify strategic cables and prevent mistakenly cutting the cable.

2 Water swellable elements

Provide a protective barrier against longitudinally water ingresson while guaranteeing cable performance.

3 100 % glass yarns

Reinforcing the tensile strength of the cable. Acting as rodent retardant.

4 Innovative design

Innovative design of dual loose tube structure to help simplify the installation.

5 Gel

Provides a protective barrier against longitudinally water ingresson while guaranteeing cable performance.

Coating

6 250 µm coating

7 900 µm coating

8 Compact for improved bending radius

The compact design of the cables gives several benefits:

- Reduced bending radii: 10 x diameter for Tight buffered and 60 mm for Loose tube cables
- Reduced diameter and increased installation space

Packaging

Packaging adapted to our customers requests (convenient small sized drums or cut to length).



Colour code

Fibre no.1 to no.12 according to the following colours.

1	Blue	
2	Orange	
3	Green	
4	Brown	
5	Grey	
6	White	
7	Red	
8	Black	
9	Yellow	
10	Violet	
11	Rose	
12	Aqua	

Fibre no.13 to no.24: idem + transparent



Environment-friendly



LSZH

LSZH (Low Smoke Zero Halogen) sheath according to test methods IEC 61034 (smoke density), IEC 60754-1 (gas toxicity), IEC 60754-2 (gas corrosiveness) for Tight buffered and Loose tube cables.

Flame retardant

Flame retardant (self extinguishing) according to IEC 60332-1 for Tight buffered and Loose tube cables.

Fire retardant

Fire retardant (no fire propagation along the cable) according to IEC 60332-3C for Tight buffered cables.

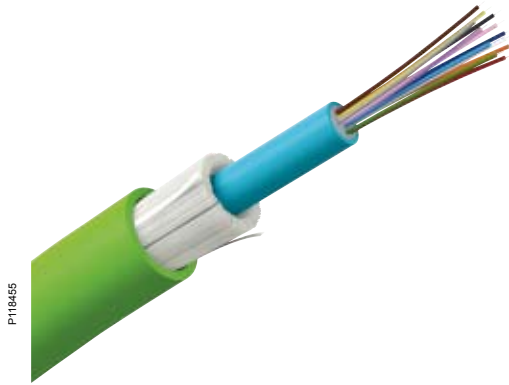


RoHS and REACH

RoHS compliance according to UE directive.

REACH compliance.

PeP available for the range.



P118455

FL-C Loose tube Fibre optic cables

Specifications

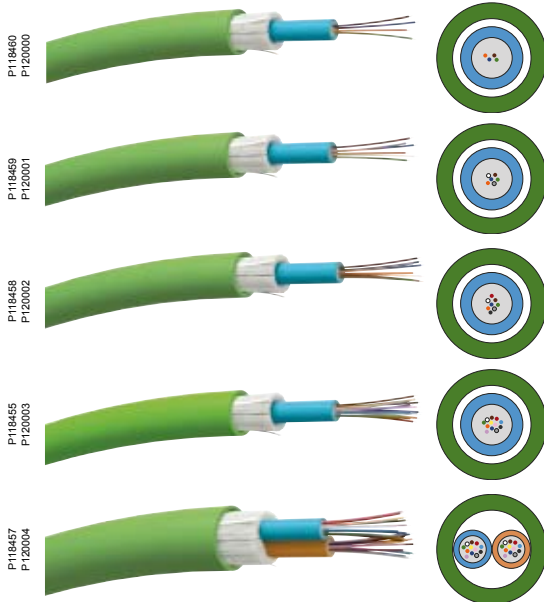
- Compact and universal cables suitable for indoor and specific outdoor installations:
- low Smoke Zero Halogen (LSZH) green coloured external sheath
- UV resistant
- dielectric
- high tensile strength
- rodent retardant
- longitudinally watertight
- Loose tube gel-filled cable construction with 250 µm coating available in unitube structure for 4, 6, 8 and 12 fibres and bitube structure for 24 fibres
- Flame retardant according to IEC 60 332-1, EN 50 265 2.1, NF C 32 070 2.1 (Category C2).

Performances

- OM2 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.1 and ISO/IEC 11801: 2011 Ed2.2 OM2
- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801: 2011 Ed2.2 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801: 2011 Ed2.2 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801: 2011 Ed2.2 OS2
- Cable mechanical characteristics tested according to IEC 60794-1.

Use

- High data rate fibre optic backbones for building and campus
- Suitable for splicing termination: installation with pigtails by fusion or mechanical splices.



P118460
P120000

P118469
P120001

P118458
P120002

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P120003

P118457
P120004

OM2 50/125 µm

Type	Length	Ref. No
Optic cable Indoor/outdoor OM2 50/125 µm multimode fibres, green overall jacket.		
OM2 50/125, Loose tube, 4 fibres	2100 m	VDIC52204L
	Cut to length	VDIC52204LM
OM2 50/125, Loose tube, 6 fibres	525 m	VDIC42206L
	2100 m	VDIC52206L
	Cut to length	VDIC52206LM
OM2 50/125, Loose tube, 8 fibres	2100 m	VDIC52208L
	Cut to length	VDIC52208LM
OM2 50/125, Loose tube, 12 fibres	525 m	VDIC42212L
	2100 m	VDIC52212L
	Cut to length	VDIC52212LM
OM2 50/125, Loose tube, 24 fibres	525 m	VDIC42224L
	2100 m	VDIC52224L
	Cut to length	VDIC52224LM



FL-C Fibre optic cables

Range Loose tube

P118459
P120001



P118455
P120003



P118457
P120004



OM3 50/125 µm

Type	Length	Ref. No
Optic cable Indoor/outdoor OM3 50/125 µm multimode fibres, green overall jacket.		
OM3 50/125, Loose tube, 6 fibres	525 m	VDIC42306L
	2100 m	VDIC52306L
	Cut to length	VDIC52306LM
OM3 50/125, Loose tube, 12 fibres	525 m	VDIC42312L
	2100 m	VDIC52312L
	Cut to length	VDIC52312LM
OM3 50/125, Loose tube, 24 fibres	525 m	VDIC42324L
	2100 m	VDIC52324L
	Cut to length	VDIC52324LM

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P120001



P118455
P120003



P118457
P120004



OM4 50/125 µm

Type	Length	Ref. No
Optic cable indoor/outdoor, OM4 50/125 µm multimode fibres, green overall jacket.		
OM4 50/125, Loose tube, 6 fibres	2100 m	VDIC52406L
	Cut to length	VDIC52406LM
OM4 50/125, Loose tube, 12 fibres	2100 m	VDIC52412L
	Cut to length	VDIC52412LM
OM4 50/125, Loose tube, 24 fibres	2100 m	VDIC52424L
	Cut to length	VDIC52424LM

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P120001



P118458
P120002



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P120003



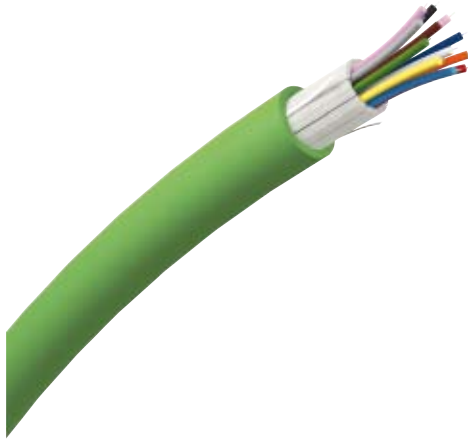
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OS1/OS2 9/125 µm

Type	Length	Ref. No
Optic cable indoor/outdoor, OS1/OS2 9/125 µm single-mode fibres, green overall jacket.		
OS1/OS2 9/125, Loose tube, 4 fibres	2100 m	VDIC52504L
	Cut to length	VDIC52504LM
OS1/OS2 9/125, Loose tube, 6 fibres	525 m	VDIC42506L
	2100 m	VDIC52506L
	Cut to length	VDIC52506LM
OS1/OS2 9/125, Loose tube, 8 fibres	2100 m	VDIC52508L
	Cut to length	VDIC52508LM
OS1/OS2 9/125, Loose tube, 12 fibres	525 m	VDIC42512L
	2100 m	VDIC52512L
	Cut to length	VDIC52512LM
OS1/OS2 9/125, Loose tube, 24 fibres	525 m	VDIC42524L
	2100 m	VDIC52524L
	Cut to length	VDIC52524LM

P118465



FL-C Tight buffered Fibre optic cables

Specifications

- Compact and universal cables suitable for indoor and specific outdoor installations:
- low Smoke Zero Halogen (LSZH) green coloured external sheath
- UV resistant
- dielectric
- high tensile strength
- rodent retardant
- longitudinally watertight
- Tight buffered gel-free cable construction with 900 µm coating
- Flame retardant according to IEC 60 332-1, EN 50 265 2.1, NF C 32 070 2.1 (Category C2). Fire retardant according to IEC 60 332-3 C, EN 50 266, NF C 32 070 2.2 (Category C1).

Performances

- OM2 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.1 and ISO/IEC 11801: 2011 Ed2.2 OM2
- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801: 2011 Ed2.2 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801: 2011 Ed2.2 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801: 2011 Ed2.2 OS2
- Cable mechanical characteristics tested according to IEC 60794-1.

Use

- High data rate fibre optic backbones for building and campus
- Horizontal cable (FTTD Fibre to the desk) with the 2 fibres
- Suitable for direct termination: installation with connectors (prefibred, cold-cured and/or heat-cured types).

P118462
P120005



P118463
P120006



P118464
P120007



P118465
P120008



P118466
P120009



OM2 50/125 µm

Type	Length	Ref. No
Optic cable Indoor/outdoor OM2 50/125 µm multimode fibres, green overall jacket.		
OM2 50/125, Tight buffered, 4 fibres	2100 m	VDIC52204T
	Cut to length	VDIC52204TM
OM2 50/125, Tight buffered, 6 fibres	525 m	VDIC42206T
	2100 m	VDIC52206T
	Cut to length	VDIC52206TM
OM2 50/125, Tight buffered, 8 fibres	2100 m	VDIC52208T
	Cut to length	VDIC52208TM
OM2 50/125, Tight buffered, 12 fibres	525 m	VDIC42212T
	2100 m	VDIC52212T
	Cut to length	VDIC52212TM
OM2 50/125, Tight buffered, 24 fibres	525 m	VDIC42224T
	2100 m	VDIC52224T
	Cut to length	VDIC52224TM



FL-C Fibre optic cables

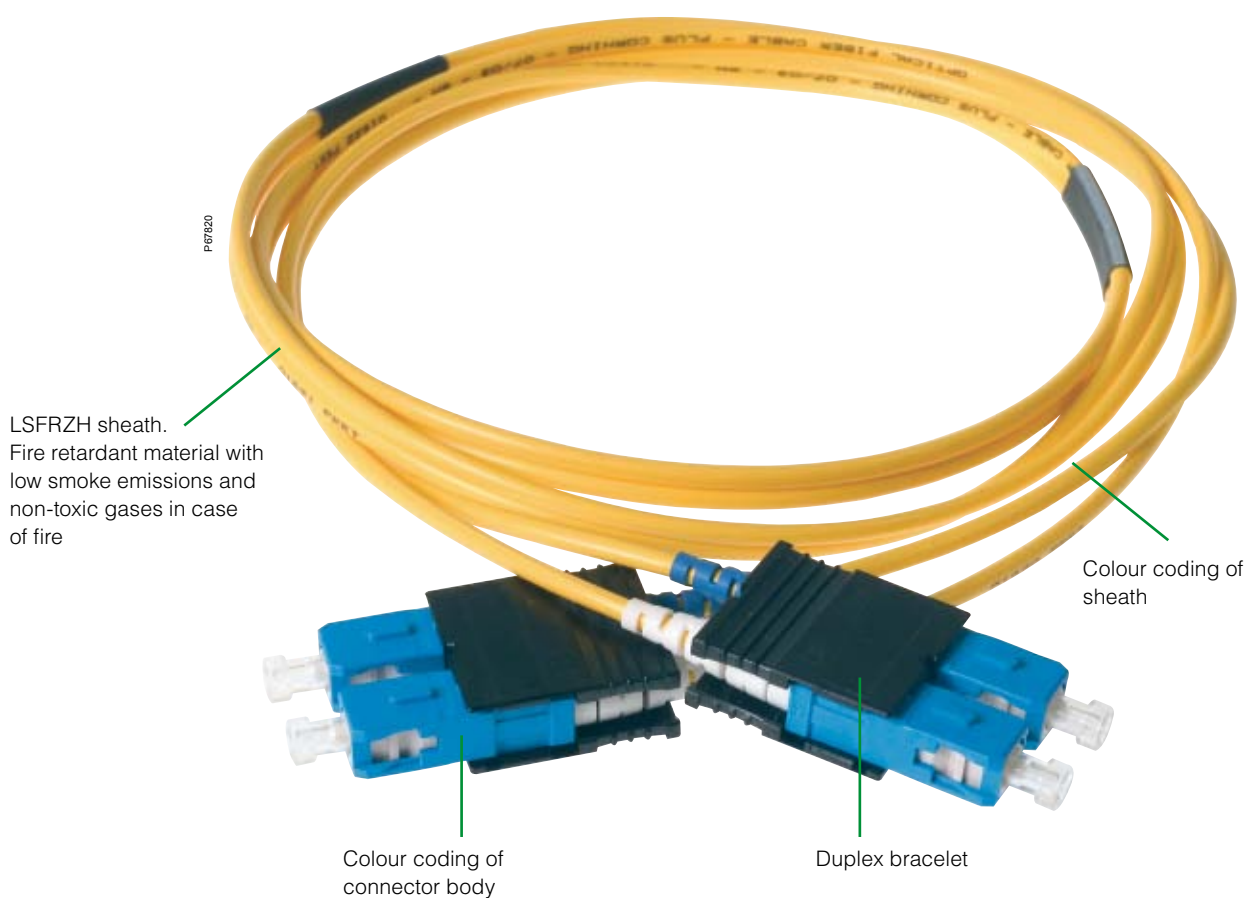
Range Tight buffered

		OM3 50/125 µm			
		Type	Length	Ref. No	
		Optic cable Indoor/outdoor OM3 50/125 µm multimode fibres, green overall jacket.			
P118461 P120010			OM3 50/125, Tight buffered, 2 fibres	525 m	VDIC42302T
				2100 m	VDIC52302T
				Cut to length	VDIC52302TM
P118463 P120006			OM3 50/125, Tight buffered, 6 fibres	525 m	VDIC42306T
				2100 m	VDIC52306T
				Cut to length	VDIC52306TM
P118465 P120008			OM3 50/125, Tight buffered, 12 fibres	525 m	VDIC42312T
				2100 m	VDIC52312T
				Cut to length	VDIC52312TM
P118466 P120009			OM3 50/125, Tight buffered, 24 fibres	525 m	VDIC42324T
				2100 m	VDIC52324T
				Cut to length	VDIC52324TM
		OM4 50/125 µm			
		Type	Length	Ref. No	
		Optic cable indoor/outdoor, OM4 50/125 µm multimode fibres, green overall jacket.			
P118463 P120006			OM4 50/125, Tight buffered, 6 fibres	2100 m	VDIC52406T
				Cut to length	VDIC52406TM
P118465 P120008			OM4 50/125, Tight buffered, 12 fibres	2100 m	VDIC52412T
				Cut to length	VDIC52412TM
P118466 P120009			OM4 50/125, Tight buffered, 24 fibres	2100 m	VDIC52424T
				Cut to length	VDIC52424TM
		OS1/OS2 9/125 µm			
		Type	Length	Ref. No	
		Optic cable indoor/outdoor, OS1/OS2 9/125 µm single-mode fibres, green overall jacket.			
P118463 P120006			OS1/OS2 9/125, Tight buffered, 6 fibres	525 m	VDIC42506T
				2100 m	VDIC52506T
				Cut to length	VDIC52506TM
P118465 P120008			OS1/OS2 9/125, Tight buffered, 12 fibres	525 m	VDIC42512T
				2100 m	VDIC52512T
				Cut to length	VDIC52512TM
P118466 P120009			OS1/OS2 9/125, Tight buffered, 24 fibres	525 m	VDIC42524T
				2100 m	VDIC52524T
				Cut to length	VDIC52524TM

Actassi fibre optic patch cords

Actassi fibre optic patch cords ensure a reliable transmission in data networks. They are available with several types of connectors (SC, LC, ST), from multimode (OM1, OM2, OM3, OM4) to single-mode (OS1/OS2) performances, in different lengths to cover all installation needs.

All fibre optic patch cords are compliant with ISO/IEC 11801: 2011 Ed2.2 and provide safe plug & play with a high quality thanks to the performances, the LSFRZH sheath (LSZH with fire retardant properties) and the warranties.



Specifications

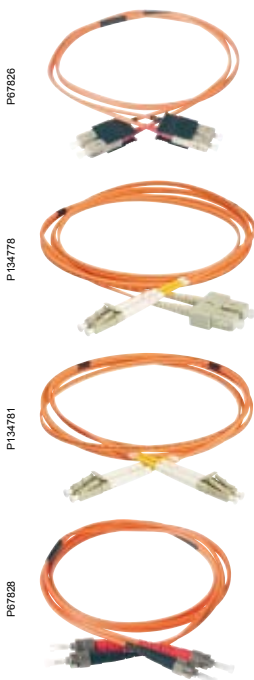
- Optic patchcords suitable for patching within technical rooms and at workstation between passive and active equipments:
 - factory terminated
 - 100 % optically tested
 - delivered with insertion loss report tests
 - zirconia ceramic material ferrules
 - available in OM1, OM2, OM3, OM4 performances
 - available with ST, SC and LC types of connectors
 - 2 mm coloured sheath for a quick and easy identification of performances
 - Low Smoke Zero Halogen (LSZH) sheath
- Flame retardant according to IEC 60 332-1, EN 50 265 2.1, NF C 32 070 2.1 (Category C2). Fire retardant according to IEC 60 332-3 C, EN 50 266, NF C 32 070 2.2 (Category C1).

Performances

- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2
- ST connectors compliant TIA/EIA 604-2 and IEC 61754-2
- OM2 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.1 and ISO/IEC 11801: 2011 Ed2.2 OM2
- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801: 2011 Ed2.2 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801: 2011 Ed2.2 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801: 2011 Ed2.2 OS2
- Cable mechanical characteristics tested according to IEC 60794-1.

Fibre Optic Patch cords OM1 62.5/125

Type	Length	Ref. No
Optic Patch cord SCd/SCd LSZH	1 m	VDIP541331
	2 m	VDIP541332
	3 m	VDIP541333
	5 m	VDIP541335
Optic Patch cord SCd-LCd LSZH	1 m	VDIP541351
	2 m	VDIP541352
	3 m	VDIP541353
	5 m	VDIP541355
Optic Patch cord LCd/LCd LSZH	1 m	VDIP541551
	2 m	VDIP541552
	3 m	VDIP541553
	5 m	VDIP541555
Optic Patch cord ST/ST LSZH	1 m	VDIP541111
	2 m	VDIP541112
	3 m	VDIP541113
	5 m	VDIP541115





Fibre Optic Patch cords OM2 50/125

Type	Length	Ref. No
Optic Patch cord SCd/SCd LSZH	1 m	VDIP542331
	2 m	VDIP542332
	3 m	VDIP542333
	5 m	VDIP542335
Optic Patch cord LCd/SCd LSZH	1 m	VDIP542351
	2 m	VDIP542352
	3 m	VDIP542353
	5 m	VDIP542355
Optic Patch cord LCd/LCd LSZH	1 m	VDIP542551
	2 m	VDIP542552
	3 m	VDIP542553
	5 m	VDIP542555
Optic Patch cord ST/ST LSZH	1 m	VDIP542111
	2 m	VDIP542112
	3 m	VDIP542113
	5 m	VDIP542115

Fibre Optic Patch cords OM3 50/125

Type	Length	Ref. No
Optic Patch cord SCd/SCd LSZH	1 m	VDIP543331
	2 m	VDIP543332
	3 m	VDIP543333
	5 m	VDIP543335
Optic Patch cord LCd/SCd LSZH	1 m	VDIP543351
	2 m	VDIP543352
	3 m	VDIP543353
	5 m	VDIP543355
Optic Patch cord LCd/LCd LSZH	1 m	VDIP543551
	2 m	VDIP543552
	3 m	VDIP543553
	5 m	VDIP543555



P134779



Fibre Optic Patch cords OM4 50/125		
Type	Length	Ref. No
Optic Patch cord LCd/LCd LSZH	1 m	VDIP544551
	2 m	VDIP544552
	3 m	VDIP544553
	5 m	VDIP544555

P134777



Fibre Optic Patch cords OS1/OS2 9/125		
Type	Length	Ref. No
Optic Patch cord SCd/SCd LSZH	1 m	VDIP545331
	2 m	VDIP545332
	3 m	VDIP545333
	5 m	VDIP545335

P67817



Optic Patch cord LCd/SCd LSZH	1 m	VDIP545351
	2 m	VDIP545352
	3 m	VDIP545353
	5 m	VDIP545355

P67816



Optic Patch cord LCd/LCd LSZH	1 m	VDIP545551
	2 m	VDIP545552
	3 m	VDIP545553
	5 m	VDIP545555

Adapters

- Fibre optic adapters suitable to connect and align optic connectors (for both applications: optic patchpanels in technical rooms and faceplates at workstation)
- both multimode and singlemode versions
- identification of multimode adapters with beige color
- identification of singlemode adapters with blue color
- available in SC, SC APC, ST, LC and MPO formats
- zirconia ceramic material ferrules
- snap-in latch.

Multimode (MM) adapters

Type	Qty/pack	Ref. No
SC Duplex Adapter MM	1	VDIB6031001
	100	VDIB6031002
SC Simplex Adapter MM	1	VDIB6021001
ST Simplex Adapter MM	1	VDIB6011001
	100	VDIB6011002
LC Duplex Adapter sq MM	1	VDIB6051001
	100	VDIB6051002
LC Duplex Adapter rect MM	1	VDIB6051003
	100	VDIB6051004

Singlemode (SM) adapters

Type	Qty/pack	Ref. No
SC Duplex Adapter SM	1	VDIB6032001
	100	VDIB6032002
SC APC Simplex Adapter SM	1	VDIB6072001
SC APC Duplex Adapter SM	1	VDIB6082001
LC Duplex Adapter sq SM	1	VDIB6052001
	100	VDIB6052002
LC Duplex Adapter rect SM	1	VDIB6052003
	100	VDIB6052004

P 133697



P 133692



P 134792



P 133694



P 133699



P 133688



P 133695



P 133701



P 133693



P 133700



Actassi fibre optic panels

A simple all-in-one concept, pre-equipped with for example Quick Fix function, coiling wheels and cable glands. It has a capacity of 24 fibres and has transparent lids for protection and a clear visibility of the inside. Can hold up to 4 cover plates, and since it is delivered with 3 blank plates, the choice is open for the fourth to be used according to your needs. The cover plates are available in empty and pre-equipped versions with adapters.

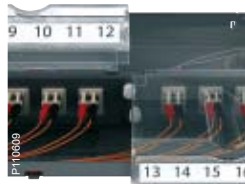


To match your fibre optic panel we have developed a range of pre-equipped coverplates. It's a time-saving, safer and smarter way to work with your installations.



Coiling wheels

The panel contains wheels to keep the fibres in place and to avoid tension on the connectors. This will also give a correct bending radius and more space for excess lengths of the fibres.



Excellent protection

The transparent covers give both protection and overview. The front covers can be opened for quick access and the top cover is easily removed.



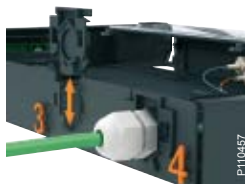
Clear marking

Since the marking is very clear, identifying the cable you are looking for will never be a problem.



Integrated guiding panel

A patchcord guiding panel, with smoothly shaped edges to protect the cords, is integrated in the panel. So there is no need to add a separate guiding panel that would take another 1U space.



Rear quick fixation

A quick-fixation system is provided for the cables at the rear. Use the provided 16 mm glands for cables. If a 21 mm gland (not provided) is needed, just remove the rear plastic support and fix the gland directly in the cable entry. Quick and easy!



Sliding function

The panel can be slid or completely removed for a more convenient working position.



P111286



Evolution universal sliding fibre optic panel 1U

- Universal sliding 19" fibre optic panel with 4 positions, equipped with 3 blank plates. The 1st position is empty and is to be fitted with suitable coverplate
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Removable transparent cover mounted
- Fibre patchcord guiding structure at the front, protected by cover equipped with label holders
- Maximum density of 48 fibres for 1U (LC rectangular version).

Evolution panel for direct terminations

- Equipped with 2 coiling wheels and 2 PG9 (Ø 7 mm max.) cable glands.

Description	Reference
Evolution Fibre optic panel 1U with 3 blank plates for direct terminations	VDIG150991

P111287



Evolution panel for splices

- Equipped with one coiling wheel, 2 PG9 (Ø 7 mm max.) cable glands and one splicing cassette (without splice holder)
- Possibility to stack up to 2 splicing cassettes for high density.

Description	Reference
Evolution Fibre optic panel 1U with 3 blank plates, for splices	VDIG150991001

P120602



Basic universal sliding fibre optic panel 1U Basic

- Universal sliding 19" fibre optic panel with 4 positions
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Removable transparent cover mounted
- Fibre patchcord guiding structure at the front
- Equipped with 1 coiling wheel and 2 PG9 (Ø 7 mm max.) cable glands.

Description	Reference
Basic fibre optic panel 1U	VDIG050991

P120600

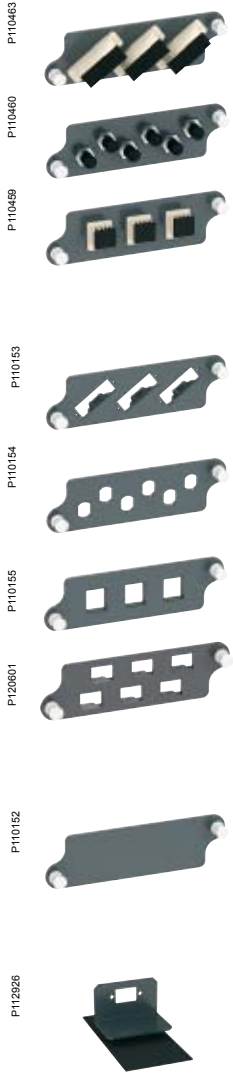


Splicing optic cassette

- Compatible with three references of fibre optic panels above, VDIG150991, VDIG150991001, VDIG050991
- Delivered with a cover
- Capacity up to 24 fibres. Recommended for 12 fibres
- 2 cassettes can be stacked inside the 1U fibre optic panel.

Description	Reference
Fibre optic splicing cassette with cover	VDIM15C112





Plates

- Blank plates and coverplates to be fixed on fibre optic Quick Fix panel ref VDIG150991, VDIG150991001 and VDIG050991
- Quick fixation by push-pull rivets.

Coverplates with adapters

Description	Reference
Coverplate provided with 3 SC duplex multimode adapters	VDIM1530311
Coverplate provided with 6 ST multimode adapters	VDIM1510611
Coverplate provided with 3 LC duplex multimode adapters	VDIM1550311

Coverplates without adapters

Description	Reference
Coverplate for 3 SC duplex adapters	VDIM153031
Coverplate for 6 ST adapters	VDIM151061
Coverplate for 3 LC duplex adapters (compatible with LC duplex Adapters / square VDIB6051001, VDIB6051002, VDIB6052001 and VDIB6052002).	VDIM155031
Coverplate for 6 LC duplex adapters (compatible with LC duplex Adapters / rectangular VDIB6051003, VDIB6051004, VDIB6052003 and VDIB6052004).	VDIM155061

Blank plate

Description	Reference
Blank plate for fibre optic panel	VDIM150061

Internal fixing plate for 1 adapter MPO to be fixed at the rear of the panel

Description	Reference
Internal fixing plate for 1 adapter MPO	VDIM157021

19" power panel 16 A/250 V

- Profile: 1U height ALU Anodize
- Sockets: 2-pole with earthing contact 16 A/3680 W, AC 250 V, IP20, colour RAL 7016, plastic material: PA6 GF30
- 1 Quick Fix function on both sides to allow a simple, quick fixing position fitted with 3 m length power cord
- Supplied with personalized cable identification labels.

Standard

Description	Reference
Power panel 9 x French outlets according to NF C 61314	VDIG161911
Power panel 9 x Schuko outlets according to DIN 49 440	VDIG161931
Power panel 9 x Danish outlets according to DS/IEC 60884-1	VDIG161941
Power panel 9 x Danish outlets EDB according to DS/IEC 60884-1	VDIG161951

With protected light switch

Description	Reference
Power panel 8 x French outlets according to NF C 61314	VDIG162711
Power panel 8 x Schuko outlets according to DIN 49 440	VDIG162731
Power panel 8 x Danish outlets according to DS/IEC 60884-1	VDIG162841

With protected light switch + overvoltage protection

- Short circuit protection 6.5 kA
- Protection level Up 1.5 kV
- Optic signal for function (green)
- Optic signal for defect (orange).

Description	Reference
Power panel 7 x French outlets according to NF C 61314	VDIG164711
Power panel 7 x Schuko outlets according to DIN 49 440	VDIG164731
Power panel 7 x Danish outlets 10 amp. according to DS/IEC 60884-1	VDIG1647411



With circuit breaker/earth leakage 230 V, 16 A, 30 mA

	Description	Reference
P110142	Power panel 6 x French outlets according to NF C 61314	VDIG163611
P110674	Power panel 6 x Schuko outlets according to DIN 49 440	VDIG163631
P110673	Power panel 6 x Danish outlets 10 amp. according to DS/IEC 60884-1	VDIG1636411





Enclosures for indoor needs

Wall-mounting

Floor-standing



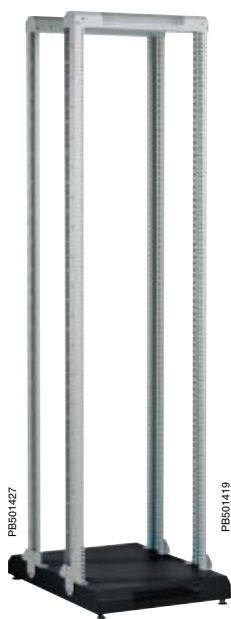
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PB501418



PT33087



PB501427



PB501419



PB501631

Actassi Enclosures

Actassi wall-mounting enclosures

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Actassi Enclosures

With the Actassi system you can create a seamless end-to-end network connectivity solution for all needs. There are different conditions and demands on the installations in buildings, data centres and small offices. That is why Actassi includes all possible sizes of wall-mounting and floor-standing enclosures, from 6 to 47 units in different widths, depths, colours and compositions. You can always find an Actassi enclosure that gives a perfect result.



Do you want to have other enclosures than standard? No problem. With Actassi enclosures it's possible to customize colour, accessories, specific lining etc according to your personal needs.



The Digital Rule helps you select products

Hard to select the Actassi enclosures, RJ45 connectors, patch panels and cables? Visit schneider-electric.com and try our Digital Rule. It's an intelligent online e-catalogue which will facilitate your choices and ensure an error-free specification.



Actassi wall-mounting enclosures

The Actassi wall-mounting OPB OpenBox enclosures allow you to easily integrate patch panels, cables, switches and digital recorders. All the lining can be removed without tools, and with the swing-rack version of OPB, with a quick-locking system, you'll get access to the connections from the back to handle the maintenance in a convenient way. Too hot in the enclosure? No problem, it's easy to integrate a blanking plate with two fans. With Actassi KDB, the new flat-pack knock-down boxes, you save 60 % of space in the stock. And it takes only 5 minutes to assemble it.



Actassi OPB and KDB



Actassi OPB
Open Box with swing
rack



Actassi OPB
Open Box with fixed
rack



Actassi OPB
Mobile Open Box



Actassi KDB
Knock-Down Box

Actassi VDC and XS-E



Actassi VDC
Monobloc 2 bodies



Actassi XS-E
Small office and Home
office

Maximised capacity and swift maintenance with Actassi OPB

Time for adjustments? Just open the sides and fold out the swing rack. Replace and add whatever parts you need, no tools are necessary. Fold back the rack, close the sides and you are done. To increase the flexibility of the entire installation, use the Actassi OPB as a distributed solution.



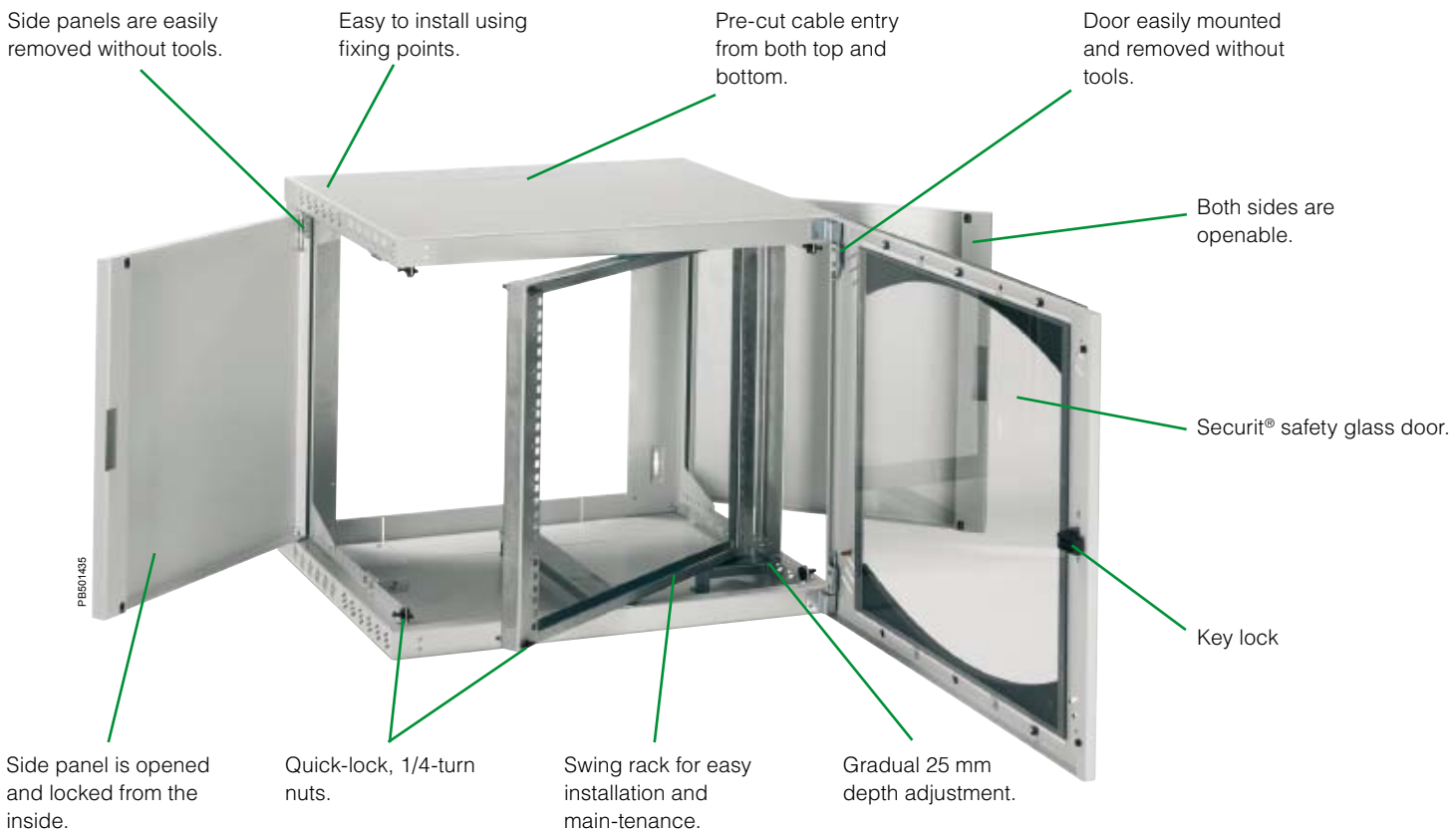
The Actassi OPB serves perfectly as a distributed solution. In a hospital for instance, the need for quick, reliable and easily expandable network connectivity can be crucial.

Actassi OPB – open for installation

The Actassi OPB is wide open for a swift and struggle-free installation. Steady as a rock, even with the side panels and the door dismantled.

The swing rack makes all the difference

When making the first installation, as well as continuous upgrades, you will find that the swing rack makes all the difference for you as an installer. Access from all sides, pre-cut cable entries and minimum usage of tools are some of the other features that make the OPB truly open for installation and maintenance.



OPB

19" Wall Open Box

Ergonomic and adaptable



Actassi OPB is assembled at delivery, ready to use



Side panels, swing rack and door can be opened and removed without tools. Quick and easy.

50 kg

The body allows mounting of components up to 50 kg.



Easy to install

The Actassi OPB enclosure can be wall-mounted by a single person using the fixing points intended for the passage of holding screw heads into the wall.



Ergonomics

The side panels swing through 120° and can be easily removed without tools. Rear access is easy. Door easily removable without tools.



Easy to cable

The cable entries, top or bottom, are pre-cut and open into the rear of the Actassi OPB enclosure. The enclosure fits around those cables that are already in place (rear blanking plate optional).



Adaptable

The 19" uprights are designed to be depth-adjustable with a step of 25 mm. Their fixing with screws guarantees the rigidity of the Actassi OPB enclosure.



Easy to install and to reverse

Its drilling template on the packaging and its 4 wall-mounting points enable quick and efficient installation while guaranteeing reversibility by simply turning the enclosure around.



Ergonomics

The side panels are locked from the inside by two 1/4-turn nuts, accessible only when the door is open.

OPB

19" Wall Open Box with swing rack
Open for easy installation and maintenance

Introduction and selection guides



PB501435

- Wall-mounting enclosure made from folded and welded sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester
- Enclosure made up of a body, 2 hinged and removable side panels, a 19" swing rack and a Securit® glass transparent door with key no. 333
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Available enclosures:
 - 5 heights: 6, 9, 12, 15, 18U
 - 3 depths: 400, 500 and 600 mm
- Swing rack: acceptable load of 25 kg (Include 25 % of margin load rating according to the IEC 62208)
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E.



Total accessibility with the swing rack and the swingable and removable side panels and door.

Installed enclosures



Number of U	Dimensions (mm)			Enclosure reference	Blanking plate	Cable-gland plate with brush gasket	Blanking plate with 2 fans
	Height	Width	Depth				
6	380	600	400	NSYOPB6U4P	NSYOPB6UTPN	NSYECP300	To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK
6	380	600	500	NSYOPB6U5P	NSYOPB6UTPN		
9	515	600	400	NSYOPB9U4P	NSYOPB9UTPN		
9	515	600	500	NSYOPB9U5P	NSYOPB9UTPN		
12	650	600	500	NSYOPB12U5P	NSYOPB12UTPN		NSYECVT300
12	650	600	600	NSYOPB12U6P	NSYOPB12UTPN		
15	780	600	500	NSYOPB15U5P	NSYOPB15UTPN		
15	780	600	600	NSYOPB15U6P	NSYOPB15UTPN		
18	915	600	500	NSYOPB18U5P	NSYOPB18UTPN		

OPB

19" Wall Open Box with fixed rack

Ergonomic and adaptable

Introduction and selection guides



PB501434



2U extra space "for free", 1U in the top and 1U in the bottom. Can be used for example for power rails.

- Wall-mounting enclosure made from folded and welded sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester
- Enclosure made up of a body, 2 hinged and removable side panels, 19" fixed uprights and a Securit® glass transparent door or plain sheet steel door with key no. 333
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08 (for glazed door)
 - impact energy = 5 joules
- Impact Protection: IK10 (for plain door)
 - impact energy = 20 joules
- Available enclosures:
 - 6 heights: 6, 9, 12, 15, 18, 21U
 - 3 depths: 400, 500 and 600 mm
- Fixed 19" rack. Acceptable load: 3 kg/U; max. 50 kg per enclosure (Include 25 % of margin load rating according to the IEC 62208)
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E.

Installed enclosures



PB501418



PB501436



PB501440



PB501011

Number of U	Dimensions (mm)			Enclosure reference	Blanking plate	Cable-gland plate with brush gasket	Blanking plate with 2 fans
	Height	Width	Depth				
6	380	600	400	NSYOPB6U4F	NSYOPB6UTPN	NSYECV300	To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK
6	380	600	500	NSYOPB6U5F	NSYOPB6UTPN		
9	515	600	400	NSYOPB9U4F	NSYOPB9UTPN		
9	515	600	500	NSYOPB9U5F	NSYOPB9UTPN		
9	515	600	600	NSYOPB9U6F	NSYOPB9UTPN		
12	650	600	400	NSYOPB12U4F	NSYOPB12UTPN		
12	650	600	500	NSYOPB12U5F	NSYOPB12UTPN		
12	650	600	600	NSYOPB12U6F	NSYOPB12UTPN		
15	780	600	400	NSYOPB15U4F	NSYOPB15UTPN		
15	780	600	500	NSYOPB15U5F	NSYOPB15UTPN		
15	780	600	600	NSYOPB15U6F	NSYOPB15UTPN		
18	915	600	400	NSYOPB18U4F	NSYOPB18UTPN		
18	915	600	500	NSYOPB18U5F	NSYOPB18UTPN		
21	1050	600	500	NSYOPB21U5F	NSYOPB21UTPN		
21	1050	600	600	NSYOPB21U6F	NSYOPB21UTPN		

Enclosure with plain door



P131668



PB501436



PB501440



PB501011

Number of U	Dimensions (mm)			Enclosure reference	Blanking plate	Cable-gland plate with brush gasket	Blanking plate with 2 fans
	Height	Width	Depth				
9	515	600	400	NSYOPB9U4FR	NSYOPB9UTPN	NSYCP300	To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK NSYECVT300
12	650	600	400	NSYOPB12U4FR	NSYOPB12UTPN		
15	780	600	500	NSYOPB15U5FR	NSYOPB15UTPN		
18	915	600	500	NSYOPB18U5FR	NSYOPB18UTPN		

OPB

19" Mobile Open Box

Flexible and versatile

Made for audiovisual application

Technical characteristics

- The body of the enclosure has cut-outs at the top and bottom to allow natural ventilation
- The cables can enter through the rear opening and through the pre-cut areas on the top and bottom surfaces of the enclosure
- 4 cut-outs are provided for wall-mounting
- The 2 side panels can be opened very easily by means of two 1/4-turn nuts. These panels can be removed, without tools
- The 19" uprights in zinc-coated steel are depth-adjustable on a 25 mm step
- The Securit® glass door is completely reversible. It is equipped with a handle and a lock with closure by key no. 333. It is easily dismantable without tools
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E.

Composition

- Actassi OPB with top and bottom cut-outs
- 1 glazed front door with a lock, key no. 333
- 1 rear plate, reference: **NSYOPB6UTPN** to **NSYOPB21UTPN**
- 4 depth-adjustable 19" uprights. Additional uprights available
- 4 castors, reference **NSYRUFOPB**
- Option of installing a plinth instead of the castors.

P6601476





PB501438

Rear blanking plate

- Blanking plate made from sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester
- Delivered with the fixings required for installation.

Number of U	Reference
6	NSYOPB6UTPN
9	NSYOPB9UTPN
12	NSYOPB12UTPN
15	NSYOPB15UTPN
18	NSYOPB18UTPN
21	NSYOPB21UTPN



PB501439

Additional 19" uprights

- Batch of two 19" uprights delivered with the fixings required for installation
- Material: zinc-coated sheet steel, 20/10 mm thick
- Maximum load: 3 kg/U; max. 50 kg per enclosure
- Unit marking.

Number of U	Reference
6	NSYOPB6UF
9	NSYOPB9UF
12	NSYOPB12UF
15	NSYOPB15UF
18	NSYOPB18UF
21	NSYOPB21UF

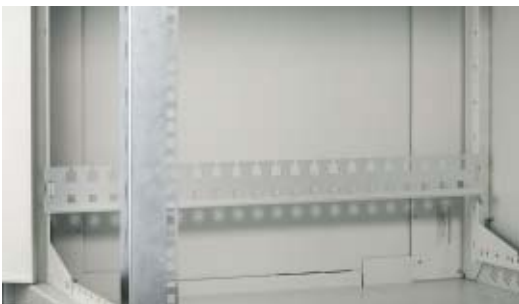


PB501441

19" uprights, rear, 2U

- Allows to save 2U on the front and to fix Power Distribution Unit on the back of the enclosure
- Batch made up of 2 partial 2U 19" uprights delivered with the fixings required for installation
- It is fixed to the rear of the enclosure
- It allows the installation of products in 19" format
- Height adjustment with a step of 44.45 mm (1U)
- Material: zinc-coated sheet steel.

Number of U	Reference
2	NSYSSOPB



PB501445

Cable support for enclosure, rear

- Allows to secure and guide the cables on the back of the enclosure
- Fixed to the rear of the enclosure to support and fix the cables
- Height adjustable with a step of 44.45 mm (1U)
- Material: zinc-coated steel
- Delivered with the fixings required for installation.

Cable support
NSYSPBOPB

Actassi KDB knock-down boxes – ideal for smaller businesses

Imagine providing excellent equipment for network, telephone, security and audio video while saving up to 60 % on stock space. Add smart benefits like the flat package and the exceptional mounting time of 5 minutes, and you have the major advantages of the KDB enclosure in a little box.

Actassi KDB knock-down box

A sturdy, robust enclosure made of welded sheet steel, with great opportunities for several kinds of installations, would probably lead to quite time- and space-consuming mounting and installation. Not the Actassi KDB knock-down boxes. The keyword is “easy”.

Easy to stock, assemble and manage

Let's start with the package. The clever flat pack will help save up to 60 % on storage space. It's easy to stock – just grab a couple of packages from the shelf, load them into your car and you are ready to go.

On site, the enclosure can be put up, wall-mounted and prepared for the components in just a few minutes. In addition, there are a number of handy features that provide equal easiness: the tool-less door with spring hinges for optimised access to the patch panels, the brush panel for swift cable management and the fan plates for smart ventilation.



Save 60 % on stock space

The KDB enclosure is easy to stock and load. The flat pack allows you to save up to 60 % on space, which means you can make more installations in less time.



The Actassi KDB boxes are available at your wholesaler. Always quick and easy to find an enclosure for your needs.

5 minutes
1 person
1 tool

Actassi KDB enclosure offers exceptional simplicity in terms of mounting and installation. One person can have the KDB set up in less than 5 minutes. And the only tool needed is a regular screwdriver.



KDB

19" Wall Knock-Down Box

Simple and space-saving



P133087



5 minutes

You need only five minutes to mount the Actassi KDB enclosure.



Easy to assemble. You only need one single tool. A drilling template facilitates the fixation on the wall.

40 kg

The body allows mounting of components up to 40 kg.



P133084

Easy to stock and ship

The flat-pack architecture of KDB saves 60 % of space in the stock. It is also very easy to ship and carry.



P134689

Easy to assemble

The symmetric construction of the top, bottom and side panels gives easy and safe assembling.



P134681

Easy to use

Tool-less door with spring hinges facilitates the access to the patch panels.



P131658

Easy to manage the cables (option)

Use the 19" brush panel to manage the entry of cables in a safe way in the top and bottom.



P131653

Smart ventilation (option)

Secure the installed components like switches and PABX. Use the 19" smart fan plates equipped with a thermostat adjustable from 0°C to 55°C



P134680

Easy to adapt

If you need more space at the front of the enclosure, you can easily move the 19" uprights each 25 mm.

KDB

19" Wall Knock-Down Box

Simple and space-saving

Introduction and selection guides



- Flat-pack wall-mounting enclosure dismounted in 1 package
- Symmetric enclosure made from welded sheet steel, powder-painted, leather-grain finish, RAL 7035 light grey epoxy-polyester.
- Enclosure made up of a body, one pair of 19" fixed uprights and a Securit® glass transparent door with key no. 333.
- Top and bottom 19" Knock-down plates for entry cables and fans – 0U
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08
- impact energy = 5 joules
- Acceptable load: 3 kg/U; max. 40 kg per enclosure.
(Include 25 % of margin load rating according to the IEC 62208)
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E
- Brush entry cables NSYCRTM1U1PS (in option)
- Smart fan NSY1FAN230T to manage the temperature from 0°C to 55°C (in option).

60 %

The flat-pack saves 60 % of space in the stock



Number of U	Dimensions (mm)			Enclosure Reference	Brush entry cables	Smart fan
	Height	Width	Depth			
6U	352	600	400	NSYKDB6U4F	NSYCRTM1U1PS	NSY1FAN230T
9U	485	600	400	NSYKDB9U4F		
12U	618	600	600	NSYKDB12U6F		
15U	752	600	600	NSYKDB15U6F		

Smart and Basic fans







- 19" fan plate
- 0U on top and bottom of the box
- 3U fixed on the 19" uprights
- Equipped with 1 or 2 fans
- 90 CFM for each one (155 m³/h)
- 230 V - AC
- plugs IEC 14 to power
- in: socket IEC C14 - To be powered with IEC C13 plug power cable
- Delivered without cable.

Smart fans

- Equipped with 1 adjustable thermostat 0°C to 55°C
- Equipped with 1 led switch On/Off.





Basic fans

- WITHOUT thermostat and switch.

Smart fans		Type	Reference
P133103		1 Fan	NSY1FAN230T
			
P131633		2 Fans	NSY2FAN230T
			
Basic fans		Type	Reference
P133102		1 Fan	NSY1FAN230
P133104		2 Fans	NSY2FAN230

Cables for smart & basic fan plates

- Black power cables of 3m to power the fan plates.

	Plug Out	Plug In	Reference		Plug Out	Plug In	Reference		
P133088		IEC C13	Schuko/FR	NSYIEC13SCH	P133100		IEC C13	DK	NSYIEC13DK
P133099		IEC C13	UK	NSYIEC13UK	P133101		IEC C13	IEC C14	NSYIEC13IEC14



The Actassi VDC 19" enclosure is a simple and efficient solution for your installations.

and also...

- Choice 6, 9, 12, 15 and 18U in height and 400, 450 and 550 mm in depth. Available with door.
- Practical
Equipped with a 19" rack with adjustable depth.

VDC 19" enclosure Simple & robust



Easy to cable

Equipped with top and bottom cable entries (knock-out areas) which are flush with the wall.



Improved accessibility

The 2-body Actassi VDC enclosure enables total accessibility to the rear of your installation. Opening from the inside of the enclosure.



Easy to assemble and reversible

Its drilling template on the packaging and its 4 wall-mounting points enable quick and efficient installation while guaranteeing reversibility by simply turning the enclosure around.



Ventilated

Equipped with top and bottom ventilation louvres for natural ventilation of your installations.



Ergonomic

Easily dismountable hinges with captive pins. Units marked.



Adaptable

Two 19" uprights, depth-adjustable with a 25 mm step.

VDC

19" enclosure, 2 bodies

Simple & robust



Technical characteristics

- Monobloc enclosure made from folded and welded sheet steel, epoxy-polyester powder paint, RAL 7035 light grey, leather-grain finish
- Reversible door opening direction by simply inverting the enclosure
- Protection rating: IP20
- Resistance to external mechanical impacts: IK08 with glazed door
- Indoor use
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08 (for glazed door)
- impact energy = 5 joules
- Equipped with top and bottom cable entries (knock-out areas)
- Acceptable load: 3 kg/U; max. 50 kg per enclosure.
- 600 mm width, 6 to 18U height, 450 and 550 mm depth
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

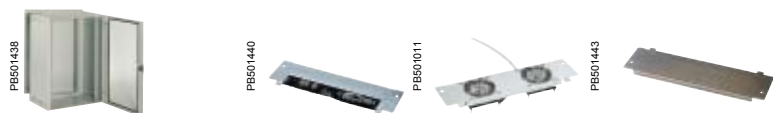
Rear

- Depth 130 mm
- The cables enter through the the pre-cut areas on the top and bottom surfaces of the enclosure
- Option of installing additional 19" uprights available as accessories
- Perforated rear with 4 wall-mounting points (4 x Ø 6.5 mm)
- Direct wall-mounting or using the fixing lugs as accessories, references **NSYAEFPFSC** and **NSYAEFPFXSC**, for the pre-equipped enclosures.

Monobloc body

- Two 19" fixed uprights in galvanised-steel, depth-adjustable on a 25 mm step
- Top and bottom ventilation louvres for natural ventilation of your installation
- Glazed front door, sheet-steel frame, RAL 7035 light grey paint and glued 4 mm Securit® glass
- Easily dismantable 120° hinges, with captive pin
- Locking by key no. 333
- Possibility of installing 180° hinges, reference **NSYAEHDH180S3D**, as an accessory.

2-body enclosures, 450 or 550 mm depth, from, 6 to 18U



2-body enclosure no. of usable U	Dimensions (mm)			Reference of the enclosure with glazed door	Blanking plate with		
	Height	Width	Depth		Brush gasket	2 fans	Ventilation louvres
6	310	600	450	NSYVD2C6U64	NSYECP300	To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK	NSYECAV300
6	310	600	550	NSYVD2C6U65			
9	450	600	450	NSYVD2C9U64			
9	450	600	550	NSYVD2C9U65			
12	580	600	450	NSYVD2C12U64			
12	580	600	550	NSYVD2C12U65			
15	710	600	450	NSYVD2C15U64			
15	710	600	550	NSYVD2C15U65			
18	850	600	450	NSYVD2C18U64			
18	850	600	550	NSYVD2C18U65			

PB501444



Top or bottom blanking plate

- Plain blanking plate
- Material: zinc-coated steel sheet
- Delivered with the fixings required for installation.

Reference

NSYEC300

PB501440



Blanking plate with brush gasket

- Fixing to the top or bottom openings of the enclosures
- Material: zinc-coated steel sheet
- Delivered with the fixings required for installation.

Dimensions (mm)

35 x 300

Reference

NSYECPT300

PB501089



Total brush gasket

- It is fixed to the top and bottom cable entries.

Dimensions (mm)

100 x 300

Reference

NSYECPT300

PB501443



Top or bottom blanking plate with ventilation louvres

- Fixing to the top or bottom openings of the enclosures
- Material: zinc-coated sheet steel
- Delivered with the fixings required for installation.

Reference

NSYECAV300

PB501011



Top or bottom blanking plate with 2 fans

- 2 fans installed and wired to on the terminal block, including a protection grille. A power supply cable of 2 m in length is supplied connected
- Free flow of 35 m³/h each
- Fixing to the top or bottom openings of the enclosures
- Material: zinc-coated sheet steel
- Delivered with the fixings required for installation
- Sound level: 35 dB (A)
- To use this blanking plate with UK PDU, order UK adaptor Ref: **NSYAPUFRUK**.

Reference

NSYECVT300



See also the 19-E
Universal accessories

PB501488



Thermal management
page 196

PB501446



Levelling feet

- Delivered with the fixings required for installation
- Require drilling of the enclosure at the knock-out point for direct installation
- Batch of 4 parts.

Reference

NSYPNOPB

PB501447



Wheels

- Delivered with the fixings required for installation
- Require drilling of the enclosure at the knock-out point for direct installation
- Installation possible on the plinth
- Batch of 4 parts.

Reference

NSYRUFOPB

PB501500



Plinths

- Material: sheet steel, 15/10 mm thick, powder paint, leather grain finish, RAL 7011 dark grey epoxy-polyester
- Height 100 mm
- Delivered with the fixings required for installation
- Removable surfaces
- Knock-out entries on the side and rear surfaces for cable entry.

Dimensions (mm)		Reference
Width	Depth	
600	400	NSYZUN64OPB
600	500	NSYZUN65OPB
600	600	NSYZUN66OPB

PB501530



Brush gasket for the cable entries through the plinth

- It is fixed to the knock-out areas for the cable entries
- Delivery as a unit.

Entry width (mm)	Reference
75 x 400	NSYJPSVD

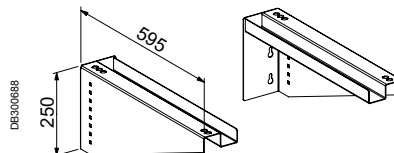
PB301531



Wall-mounting kit for the enclosures

- Allows wall-mounting of enclosures from 6U to 29U, with a depth of 600 mm
- Maximum load inside the enclosure: 50 kg
- The kit includes 2 brackets
- Maximum load inside the rack: 100 kg.

Enclosure depth (mm)	Reference
600	NSYCFRS



PB601442



Partial fixed slides

- Batch of 2 slides for supporting a drawer, a shelf or 19" hardware
- Fixing by attachment on the front 19" uprights
- Material: zinc-coated steel
- Acceptable load: 15 kg.

Width (mm)	Reference
140	NSYGF140OPB

PB601449



Fixed slides

- Batch of 2 slides for supporting a drawer, a shelf or 19" hardware
- Fixing by attachment between the front and rear 19" uprights
- Material: zinc-coated steel
- Heel of 0 mm
- Acceptable load: 15 kg.

Centre-to-centre distance (mm)	Reference
200	NSYGF200OPB

PB601450



Rear cable support on 19" uprights

- Fixing to the rear of the 19" uprights to support the cables
- Material: zinc-coated steel
- Delivered with the fixings required for installation.

Reference
NSYSRCOPB

XS-E

Small Office and Home Office
4 and 8U



Adaptable

Ergonomic

Security

PB501452



PB501453



Adaptable

Two uprights, depth-adjustable in steps of 12.5 mm.

PB501454



Security

The transparent cover, locking with key no. 410, provides physical protection of the connections and prevents unauthorised manipulation of the interconnections.

PB501458



Ergonomic

The cover can be completely removed: the internal wiring is easy.

PB501455



PB501456



Easy to cable

Knock-out cable entries on each side allow easy insertion of the cables.

PB501457



XS-E

Small Office and Home Office 4 and 8U

PEB01433



- Wall-mounting enclosure made from folded and welded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- monobloc body
- detachable and lockable cover
- Enclosure available in two heights, 4U and 8U.

Technical characteristics

Enclosure body

- 4 wall-mounting points
- 2 uprights, depth-adjustable in steps of 12.5 mm and centre-to-centre distance for fixing front panels to the rack of 251.8 mm
- Cable entries:
 - on the top and bottom panels (110 x 50 mm)
 - on the side panels (110 x 25 mm)
 - on the rear plate (110 x 150 mm)
- Perforations in the bottom and the sides of the enclosure allow the cables to be fixed by a cable tie.

Cover

- Front plate made from tinted transparent polycarbonate set in a metal frame
- Locking by key no. 410
- Equipped with perforations at the bottom for natural ventilation.

PEB01459



Number of U	Height (mm)	Width (mm)	Depth (mm)	Reference
4	290	310	201	NSYVDH4UF
8	460	310	201	NSYVDH8UF

PB601460



Shelf for supporting 1U hardware

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Assembly with fixings reference **NSYGFR95M65**.

Reference
NSYBFMF1U12

PB601461



1U blanking plate

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Assembly with fixings reference **NSYGFR95M65**.

Reference
NSYCRTMH1U

P131676



1U front panel, with cable-gland opening

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Opening protected by a seal
- Assembly with fixings reference **NSYGFR95M65**.

Reference
NSYCRTMH1UPC

PB601463



1U front panel, for RJ45 connectors with 45 x 45 mm or 22.5 x 45 mm supports

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Option of installing nine 22.5 x 45 mm RJ45 connectors.

Reference
NSYCRTMH1U9T

P131677



1U front panel, for RJ45 connectors

- Delivered without connectors and without support
- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Compatible with Slim and Actassi S-One RJ45 connectors.

Reference
NSYCRTMH1U12T

PB601465



1U front panels, for RJ45 connectors

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Delivered without connector.

A	B	Reference
15	19	NSYCRTMH1U10T

Actassi floor-standing enclosures

Are you looking for an enclosure that is robust and very quick to install? Actassi VDA should be your choice. Smart details and a possibility to choose pre-installed accessories reduce the installation time. If you need a top-of-the-line server enclosure, Actassi VDS is difficult to beat. It can be mounted with up to 750 kg of 19" components, and the micro-perforated door ensures superior air flow (above 80 %).



P131675



PB501631



PB501612

Actassi BTR
Technical rack



PB501520

Actassi VDA
Cabling enclosure



PB501419

Actassi VDA-B
Cabling enclosure



PB501545

Actassi VDA-E
Cabling enclosure



PB501419

Actassi VDA-L
Cabling enclosure.
Prepared for Ruko
locking system



PB501631

Actassi VDS
Server enclosure

Introduction

Heights of 24U and 42U

Applications

- Test rack
- Mixing rack
- Prototype rack.

To be made up of

- 1 steel plinth, 600 x 600 mm
- Two 19" uprights, height of 24 or 42U
- 1 steel cross rail delivered with the 19" uprights
- The fixings required for installation delivered with the 19" uprights.

Advantages

- Shorter assembly time
- Simple handling of the unit by a single operator
- Reduced storage space
- Minimum external dimensions
- Quick coupling
- Option of installing handling castors
- Option of installing 19" accessories:
 - shelves with a depth of 600 mm, ref. **NSYBBF1U40P**, **NSYBBF1U40**, **NSYBBT1U40P**, **NSYBBT1U40** on four 19" uprights
 - support plates **NSYBF2U25P** and **NSYBF2U40P** on two 19" uprights,
 - guides **NSYGCA46**, **NSYGCA410** and **NSYGCA1010**.
- Acceptable static load: 150 kg
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.



No. of usable U	Batirack plinth ref.	19" upright and cross-rail kit	Castor ref.	Cable entry trim strips
24U	NSYZUN66BTR	NSYBTR24U	NSYRUFVDA	-
42U	NSYZUN66BTR	NSYBTR42U	NSYRUFVDA	NSYPEPM42UBTR

PB501613



Composition accessories

Batirack plinth

- Steel plinth, 2 mm thick, format 600 x 600 mm
- RAL 7011 dark grey paint
- Delivered with 4 installation feet.

Reference

NSYZUN66BTR

PB501614



19" upright and cross-rail kits

- Kit made up of:
 - two 19" steel uprights, 2.5 mm thick, RAL 7035 light grey paint, height of 24 or 42U. Depth-adjustable uprights with a pitch of 25 mm (4 adjustments possible).
 - 1 steel cross rail, 2 mm thick, RAL 7035 light grey paint
 - fixings required for installation.

Number of U	Reference
24	NSYBTR24U
42	NSYBTR42U

PB501616



Coupling kit

- For coupling 2 Batiracks
- Kit made up of 2 spacers, one plate and the fixings required for installation.

Reference

NSYKYUXBTR

PB501617



Cable-entry trim strips

- Installed on the 2 spacers of the coupling kit, reference **NSYKYUXBTR**
- Fixing by 4 screws.

Number of U	Reference
42	NSYPEPM42UBTR

PB501618



Complementary accessories

Floor-standing kit

- Kit made up of 4 brackets and 4 screws.

Reference

NSYKFSBTR

PB501619



Stiffening kit

- Batch of 2 cable-support stiffening kits
- Installed between the front and rear 19" uprights, with a standard depth of 600 mm.

Reference

NSYTSCBTR

VDA

Easy to install and to integrate
19" Cabling enclosure



Adaptable

The Configured offer allows you to clad the rack according to your needs:

- 2 framework models,
- 13 door models,
- 2 side panel models.

Aesthetics and customisation

3 models referenced: VDA, VDA-B, VDA-E.

2 colour variants:

- bi-colour: RAL 7035 light grey and RAL 7011 dark grey,
- bi-colour: RAL 9011 black and RAL 7011 dark grey.



Saves time

All the doors can be installed and removed quickly. The cladding can be installed and removed by a single operator. The feet can be adjusted from the inside.



Rigidity and sturdiness

400 kg of acceptable static load. Option of increasing to 500 kg using a rigidity kit.



VDA

Easy to install and to integrate 19" Cabling enclosure



PB501533



PB501536



PB501543

Innovating

The side cable entry is the most ergonomic and efficient solution on the market. The top and bottom openings, flush with the structure, allow the strands to be prepared before installing the rack. These openings also allow for easy maintenance and are closed when the side panels are installed.

Ergonomics

The routing of the cable glands is easier:

- Knock-out side cable glands at top and bottom.
- Knock-out rear cable glands at top and bottom.
- Large opening on the roof, offset towards the rear and equipped with a removable plate. Allows the integration of live equipment at the top and the entry of cables by the rear.
- Large opening at the bottom.

Accessories

The central openings on the roof and the base support multiple blanking plate combinations (plain, with brush gasket or ventilated). Optional installation of the blanking plates with the roof plate thanks to the roof stand-offs.



Panels and doors can be installed and removed quickly by a single operator.



PB501535

PB501534



PB501539



PB501540

A harmonious design

With modern aesthetics: strip, handle, hinge, in rounded shape, RAL 7011 dark grey.

Security

The latches of the panels can be equipped with a key locking system (the key is identical for all the doors).

Smart

The pivot and guide system allows the panels to be returned to their place quickly, with maximum security.



The ventilation is adjustable and does not take up any units (1 to 9 fans).



PB501541



PB501542

Practical

Marking of the units on the front panel and on the side for quick installation of the equipment. The 19" uprights are easily depth-adjustable on the site.

Adaptable ventilation

The roof ventilation is depth-adjustable and does not take up any units. Option of installing 1 to 9 fans according to the size of your enclosure.

Introduction

VDA racks, RAL 7035 Light Grey

- Designed for circulation applications with switches and routers
- 6 heights: 24U, 29U, 33U, 38U, 42U and 47U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework or
 - black (RAL 9011)
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.



PB501520

VDA rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a removable blanking plate
- Glazed reversible front door, 4 mm Securit® glass, opening to 180°, 1-point lock with a key no. 333. Hinges on the right as standard
- Plain partial rear door, opening to 180°, 1-point lock with a key no. 333. Hinge on the right as standard
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet installed
- Two 19" uprights made from treated steel, installed 100 mm back from the front surface and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film
- Coupling kit not supplied
- If using the rack alone, order the side panels separately
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** and **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.



PB501546

VDA racks, RAL 9011 black

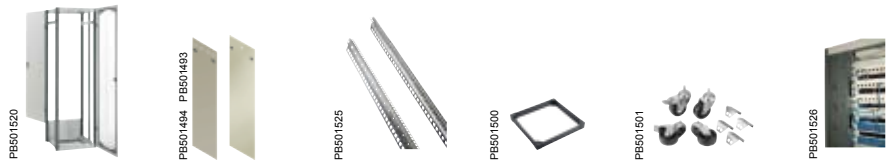
- 2 heights: 24U and 42U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm.

VDA rack composition

- Identical composition to the above equipped rack
- Delivered assembled.

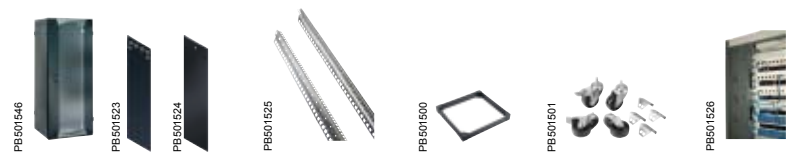
Selection guide

VDA racks, RAL 7035 Light Grey



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack without panels	Side panels	19" uprights	Plinth 100 mm	Handling castors	Cable-gland trim
24U	1200	600	600	NSYVDAC24U66	NSY2PLVDC24U6	NSYBR9F24	NSYZUN66VDA	NSYRUFVDA	-
24U	1200	600	800	NSYVDAC24U68	NSY2PLVDC24U8	NSYBR9F24	NSYZUN68VDA	NSYRUFVDA	-
24U	1200	600	1000	NSYVDAC24U610	NSY2PLVDC24U10	NSYBR9F24	NSYZUN610VDA	NSYRUFVDA	-
24U	1200	800	600	NSYVDAC24U86	NSY2PLVDC24U6	NSYBR9F24	NSYZUN86VDA	NSYRUFVDA	NSYPV24
24U	1200	800	800	NSYVDAC24U88	NSY2PLVDC24U8	NSYBR9F24	NSYZUN88VDA	NSYRUFVDA	NSYPV24
24U	1200	800	1000	NSYVDAC24U810	NSY2PLVDC24U10	NSYBR9F24	NSYZUN810VDA	NSYRUFVDA	NSYPV24
29U	1400	600	600	NSYVDAC29U66	NSY2PLVDC29U6	NSYBR9F29	NSYZUN66VDA	NSYRUFVDA	-
29U	1400	600	800	NSYVDAC29U68	NSY2PLVDC29U8	NSYBR9F29	NSYZUN68VDA	NSYRUFVDA	-
29U	1400	800	600	NSYVDAC29U86	NSY2PLVDC29U6	NSYBR9F29	NSYZUN86VDA	NSYRUFVDA	-
29U	1400	800	800	NSYVDAC29U88	NSY2PLVDC29U8	NSYBR9F29	NSYZUN88VDA	NSYRUFVDA	-
33U	1600	600	600	NSYVDAC33U66	NSY2PLVDC33U6	NSYBR9F33	NSYZUN66VDA	NSYRUFVDA	-
33U	1600	600	800	NSYVDAC33U68	NSY2PLVDC33U8	NSYBR9F33	NSYZUN68VDA	NSYRUFVDA	-
33U	1600	800	600	NSYVDAC33U86	NSY2PLVDC33U6	NSYBR9F33	NSYZUN86VDA	NSYRUFVDA	NSYPV33
33U	1600	800	800	NSYVDAC33U88	NSY2PLVDC33U8	NSYBR9F33	NSYZUN88VDA	NSYRUFVDA	NSYPV33
38U	1800	600	600	NSYVDAC38U66	NSY2PLVDC38U6	NSYBR9F38	NSYZUN66VDA	NSYRUFVDA	-
38U	1800	600	800	NSYVDAC38U68	NSY2PLVDC38U8	NSYBR9F38	NSYZUN68VDA	NSYRUFVDA	-
38U	1800	800	600	NSYVDAC38U86	NSY2PLVDC38U6	NSYBR9F38	NSYZUN86VDA	NSYRUFVDA	NSYPV38
38U	1800	800	800	NSYVDAC38U88	NSY2PLVDC38U8	NSYBR9F38	NSYZUN88VDA	NSYRUFVDA	NSYPV38
42U	2000	600	600	NSYVDAC42U66	NSY2PLVDC42U6	NSYBR9F42	NSYZUN66VDA	NSYRUFVDA	-
42U	2000	600	800	NSYVDAC42U68	NSY2PLVDC42U8	NSYBR9F42	NSYZUN68VDA	NSYRUFVDA	-
42U	2000	600	1000	NSYVDAC42U610	NSY2PLVDC42U10	NSYBR9F42	NSYZUN610VDA	NSYRUFVDA	-
42U	2000	800	600	NSYVDAC42U86	NSY2PLVDC42U6	NSYBR9F42	NSYZUN86VDA	NSYRUFVDA	NSYPV42
42U	2000	800	800	NSYVDAC42U88	NSY2PLVDC42U8	NSYBR9F42	NSYZUN88VDA	NSYRUFVDA	NSYPV42
42U	2000	800	1000	NSYVDAC42U810	NSY2PLVDC42U10	NSYBR9F42	NSYZUN810VDA	NSYRUFVDA	NSYPV42
47U	2200	600	600	NSYVDAC47U66	NSY2PLVDC47U6	NSYBR9F47	NSYZUN66VDA	NSYRUFVDA	-
47U	2200	600	800	NSYVDAC47U68	NSY2PLVDC47U8	NSYBR9F47	NSYZUN68VDA	NSYRUFVDA	-
47U	2000	800	600	NSYVDAC47U86	NSY2PLVDC47U6	NSYBR9F47	NSYZUN86VDA	NSYRUFVDA	NSYPV42
47U	2000	800	800	NSYVDAC47U88	NSY2PLVDC47U8	NSYBR9F47	NSYZUN88VDA	NSYRUFVDA	NSYPV42

VDA racks, RAL 9011 Black



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack without panels	Side panels	19" uprights	Plinth 100 mm	Handling castors	Cable-gland trim
24U	1200	600	600	NSYVDAC24U66N	NSY2PLVDC24U6N	NSYBR9F24	NSYZUN66VDA	NSYRUFVDA	-
24U	1200	600	800	NSYVDAC24U68N	NSY2PLVDC24U8N	NSYBR9F24	NSYZUN68VDA	NSYRUFVDA	-
24U	1200	600	1000	NSYVDAC24U610N	NSY2PLVDC24U10N	NSYBR9F24	NSYZUN610VDA	NSYRUFVDA	-
24U	1200	800	600	NSYVDAC24U86N	NSY2PLVDC24U6N	NSYBR9F24	NSYZUN86VDA	NSYRUFVDA	NSYPV24
24U	1200	800	800	NSYVDAC24U88N	NSY2PLVDC24U8N	NSYBR9F24	NSYZUN88VDA	NSYRUFVDA	NSYPV24
24U	1200	800	1000	NSYVDAC24U810N	NSY2PLVDC24U10N	NSYBR9F24	NSYZUN810VDA	NSYRUFVDA	NSYPV24
42U	2000	600	600	NSYVDAC42U66N	NSY2PLVDC42U6N	NSYBR9F42	NSYZUN66VDA	NSYRUFVDA	-
42U	2000	600	800	NSYVDAC42U68N	NSY2PLVDC42U8N	NSYBR9F42	NSYZUN68VDA	NSYRUFVDA	-
42U	2000	600	1000	NSYVDAC42U610N	NSY2PLVDC42U10N	NSYBR9F42	NSYZUN610VDA	NSYRUFVDA	-
42U	2000	800	600	NSYVDAC42U86N	NSY2PLVDC42U6N	NSYBR9F42	NSYZUN86VDA	NSYRUFVDA	NSYPV42
42U	2000	800	800	NSYVDAC42U88N	NSY2PLVDC42U8N	NSYBR9F42	NSYZUN88VDA	NSYRUFVDA	NSYPV42
42U	2000	800	1000	NSYVDAC42U810N	NSY2PLVDC42U10N	NSYBR9F42	NSYZUN810VDA	NSYRUFVDA	NSYPV42

Introduction

VDA-B rack

- Designed for circulation applications with switches and routers
- 6 heights: 24U, 29U, 33U, 38U, 42U and 47U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08
- impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a removable blanking plate
- Glazed reversible front door, 4 mm Securit® glass, opening to 180°, 1-point lock with a key no. 333. Hinges on the right as standard
- Rear panel with quick installation and removal, locking by latches
- Side panels with louvres, with quick installation and removal, locking by latches
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry.
- Levelling feet installed
- Two 19" uprights made from treated steel, installed 100 mm back from the front surface and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film.

Composition of the rack without side panels

- Exactly the same composition as the above rack, but without the side panels
- Coupling kit not supplied
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.



Selection guide

VDA-B racks, RAL 7035 Light Grey



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack with side panels	Rack without side panels	19" uprights	100 mm plinth	Handling castors	Cable-gland trim
24U	1200	600	600	NSYVDA24U66B	-	NSYBR9F24	NSYZUN66VDA	NSYRUFVDA	-
24U	1200	600	800	NSYVDA24U68B	-	NSYBR9F24	NSYZUN68VDA	NSYRUFVDA	-
24U	1200	600	1000	NSYVDA24U610B	-	NSYBR9F24	NSYZUN610VDA	NSYRUFVDA	-
24U	1200	800	600	NSYVDA24U86B	-	NSYBR9F24	NSYZUN66VDA	NSYRUFVDA	NSYPV24
24U	1200	800	800	NSYVDA24U88B	-	NSYBR9F24	NSYZUN88VDA	NSYRUFVDA	NSYPV24
24U	1200	800	1000	NSYVDA24U810B	-	NSYBR9F24	NSYZUN810VDA	NSYRUFVDA	NSYPV24
29U	1400	600	600	NSYVDA29U66B	-	NSYBR9F29	NSYZUN66VDA	NSYRUFVDA	-
29U	1400	600	800	NSYVDA29U68B	-	NSYBR9F29	NSYZUN68VDA	NSYRUFVDA	-
29U	1400	800	600	NSYVDA29U86B	-	NSYBR9F29	NSYZUN66VDA	NSYRUFVDA	-
29U	1400	800	800	NSYVDA29U88B	-	NSYBR9F29	NSYZUN88VDA	NSYRUFVDA	-
33U	1600	600	600	NSYVDA33U66B	-	NSYBR9F33	NSYZUN66VDA	NSYRUFVDA	-
33U	1600	600	800	NSYVDA33U68B	-	NSYBR9F33	NSYZUN68VDA	NSYRUFVDA	-
33U	1600	800	600	NSYVDA33U86B	-	NSYBR9F33	NSYZUN66VDA	NSYRUFVDA	NSYPV33
33U	1600	800	800	NSYVDA33U88B	-	NSYBR9F33	NSYZUN88VDA	NSYRUFVDA	NSYPV33
38U	1800	600	600	NSYVDA38U66B	-	NSYBR9F38	NSYZUN66VDA	NSYRUFVDA	-
38U	1800	600	800	NSYVDA38U68B	-	NSYBR9F38	NSYZUN68VDA	NSYRUFVDA	-
38U	1800	800	600	NSYVDA38U86B	-	NSYBR9F38	NSYZUN66VDA	NSYRUFVDA	NSYPV38
38U	1800	800	800	NSYVDA38U88B	-	NSYBR9F38	NSYZUN88VDA	NSYRUFVDA	NSYPV38
42U	2000	600	600	NSYVDA42U66B	NSYVDAC42U66B	NSYBR9F42	NSYZUN66VDA	NSYRUFVDA	-
42U	2000	600	800	NSYVDA42U68B	NSYVDAC42U68B	NSYBR9F42	NSYZUN68VDA	NSYRUFVDA	-
42U	2000	600	1000	NSYVDA42U610B	NSYVDAC42U610B	NSYBR9F42	NSYZUN610VDA	NSYRUFVDA	-
42U	2000	800	600	NSYVDA42U86B	NSYVDAC42U86B	NSYBR9F42	NSYZUN66VDA	NSYRUFVDA	NSYPV42
42U	2000	800	800	NSYVDA42U88B	NSYVDAC42U88B	NSYBR9F42	NSYZUN88VDA	NSYRUFVDA	NSYPV42
42U	2000	800	1000	NSYVDA42U810B	NSYVDAC42U810B	NSYBR9F42	NSYZUN810VDA	NSYRUFVDA	NSYPV42
47U	2200	600	600	NSYVDA47U66B	-	NSYBR9F47	NSYZUN66VDA	NSYRUFVDA	-
47U	2200	600	800	NSYVDA47U68B	-	NSYBR9F47	NSYZUN68VDA	NSYRUFVDA	-
47U	2200	800	600	NSYVDA47U86B	-	NSYBR9F47	NSYZUN66VDA	NSYRUFVDA	NSYPV47
47U	2200	800	800	NSYVDA47U88B	-	NSYBR9F47	NSYZUN88VDA	NSYRUFVDA	NSYPV47

Introduction

VDA-E rack

- Designed for IT and video applications among others
- 4 heights: 24U, 38U, 42U and 47U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm.
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework or
 - black (RAL 9011)
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08
- impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (see page XX)
- Cut-out roof, closed with a removable plain sheet
- Glazed reversible front door, 4 mm Securit® glass, opening to 180°, 2-point lock with a ey no. 333 and handle. Hinges on the right as standard. Option of adding a third central locking point as an accessory, with reference **NSYAEDN3PVD**
- Reversible full plain rear door, 1-point lock with a key no. 333, opening to 180°
- Side panels with louvres, with quick installation and removal, locking by latches
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet installed
- Four 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film
- Earthing kit pre-installed
- 1 bag of fixings with 30 M6 screws + washers + caged nuts.

Composition of the rack without side panels

- Exactly the same composition as the above rack, but without the side panels
- Coupling kit not supplied
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.
- VDA-E racks, RAL 9011 black cladding
 - 1 height: 42U
 - 2 widths: 600 and 800 mm
 - 3 depths: 600, 800 and 1000 mm
- Rack composition
- Identical composition to the above rack with side pannels
- Delivered assembled.



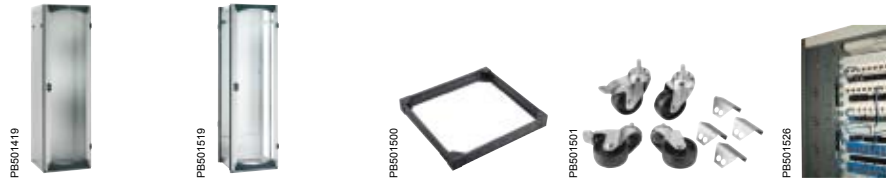
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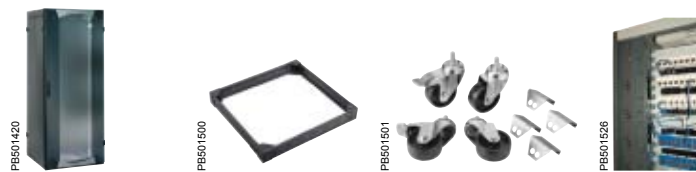
Selection guide

VDA-E racks, RAL 7035 Light Grey,



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack with side panels	Rack without side panels	100 mm plinth	Handling castors	Cable-gland trim
24U	1200	600	600	NSYVDA24U66E	-	NSYZUN66VDA	NSYRUFVDA	-
24U	1200	600	800	NSYVDA24U68E	-	NSYZUN68VDA	NSYRUFVDA	-
24U	1200	600	1000	NSYVDA24U610E	-	NSYZUN610VDA	NSYRUFVDA	-
24U	1200	800	600	NSYVDA24U86E	-	NSYZUN66VDA	NSYRUFVDA	NSYPV24
24U	1200	800	800	NSYVDA24U88E	-	NSYZUN88VDA	NSYRUFVDA	NSYPV24
24U	1200	800	1000	NSYVDA24U810E	-	NSYZUN810VDA	NSYRUFVDA	NSYPV24
38U	1800	600	600	NSYVDA38U66E	-	NSYZUN66VDA	NSYRUFVDA	-
38U	1800	600	800	NSYVDA38U68E	-	NSYZUN68VDA	NSYRUFVDA	-
38U	1800	800	600	NSYVDA38U86E	-	NSYZUN66VDA	NSYRUFVDA	NSYPV38
38U	1800	800	800	NSYVDA38U88E	-	NSYZUN88VDA	NSYRUFVDA	NSYPV38
42U	2000	600	600	NSYVDA42U66E	NSYVDAC42U66E	NSYZUN66VDA	NSYRUFVDA	-
42U	2000	600	800	NSYVDA42U68E	NSYVDAC42U68E	NSYZUN68VDA	NSYRUFVDA	-
42U	2000	600	1000	NSYVDA42U610E	NSYVDAC42U610E	NSYZUN610VDA	NSYRUFVDA	-
42U	2000	800	600	NSYVDA42U86E	NSYVDAC42U86E	NSYZUN66VDA	NSYRUFVDA	NSYPV42
42U	2000	800	800	NSYVDA42U88E	NSYVDAC42U88E	NSYZUN88VDA	NSYRUFVDA	NSYPV42
42U	2000	800	1000	NSYVDA42U810E	NSYVDAC42U810E	NSYZUN810VDA	NSYRUFVDA	NSYPV42
47U	2200	600	600	NSYVDA47U66E	-	NSYZUN66VDA	NSYRUFVDA	-
47U	2200	600	800	NSYVDA47U68E	-	NSYZUN68VDA	NSYRUFVDA	-
47U	2200	800	600	NSYVDA47U86E	-	NSYZUN66VDA	NSYRUFVDA	NSYPV47
47U	2200	800	800	NSYVDA47U88E	-	NSYZUN88VDA	NSYRUFVDA	NSYPV47

VDA-E racks, RAL 9011 black



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack with side panels	Rack without side panels	100 mm plinth	Handling castors	Cable-gland trim
42U	2000	600	600	NSYVDA42U66EN	-	NSYZUN66VDA	NSYRUFVDA	-
42U	2000	600	800	NSYVDA42U68EN	-	NSYZUN68VDA	NSYRUFVDA	-
42U	2000	600	1000	NSYVDA42U610EN	-	NSYZUN610VDA	NSYRUFVDA	-
42U	2000	800	600	NSYVDA42U86EN	-	NSYZUN86VDA	NSYRUFVDA	NSYPV42
42U	2000	800	800	NSYVDA42U88EN	-	NSYZUN88VDA	NSYRUFVDA	NSYPV42
42U	2000	800	1000	NSYVDA42U810EN	-	NSYZUN810VDA	NSYRUFVDA	NSYPV42

Introduction

VDA-L rack, RAL 7035 Light Grey

- Designed for IT and video applications among others
- Height: 24U - 42U
- 2 widths: 600 and 800 mm
- 2 depths: 600 and 800
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework or
 - black (RAL 9011)
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a removable plate equipped with a brush gasket
- Glazed or front door, 4 mm Securit® glass, opening to 180°, 2-point lock with a key no. EK333 and handle. Hinges on the right as standard. Option of adding a third central locking point as an accessory, with reference **NSYAEDN3PVD**
- Single rear panel
- Side panels with quick installation and removal, locking by latches
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet
- One pair of 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film.

Composition of the rack without side panels

- Exactly the same composition as the above rack, but without the side panels.
- Coupling kit not supplied
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.

VDA-L racks, RAL 9011 black

- 1 height: 42U
- 1 width: 800 mm
- 1 depths: 1000 mm.

Rack composition

- Same composition to the above rack with glazed door
- Two pairs of 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Delivered assembled.



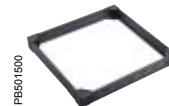
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PB001420

Selection guide

VDA-L racks, RAL 7035 Light Grey



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack with glazed door	Rack with plain door	19" uprights	100 mm plinth	Handling castors
24U	1200	600	800	NSYVDA24U68L	-	NSYBR9F24	NSYZUN68VDA	NSYRUFVDA
42U	2000	600	600	NSYVDA42U66L	NSYVDA42U66LR	NSYBR9F42	NSYZUN66VDA	NSYRUFVDA
42U	2000	600	800	NSYVDA42U68L	NSYVDA42U68LR	NSYBR9F42	NSYZUN68VDA	NSYRUFVDA
42U	2000	800	800	NSYVDA42U88L	NSYVDA42U88LR	NSYBR9F42	NSYZUN88VDA	NSYRUFVDA
42U	2000	800	600	NSYVDA42U86L	NSYVDA42U86LR	NSYBR9F47	NSYZUN86VDA	NSYRUFVDA

VDA-L racks, RAL 9011 black



Number of U	Height (mm)	Width (mm)	Depth (mm)	Rack with glazed door	100 mm plinth	Handling castors
42U	2000	600	1000	NSYVDA42U610LN	NSYZUN610VDA	NSYRUFVDA
42U	2000	600	1000	NSYVDA42U810LN	NSYZUN610VDA	NSYRUFVDA

VDS

19" server enclosure

Robust and ventilated



PB501631



P131339

Ventilated

The front and rear doors are microperforated on the width of the 19" uprights to channel the air flows onto the equipment. They allow above 80 % of air through for optimum ventilation of the live components that equip the 19" rack.



PB501624

Rigidity and robustness

750 kg of acceptable static load.



P132763

Vertical cable manager (as option)

Efficient vertical cable managers can be used to duct, support and hide fibre and copper cables in improving airflow.



PB501630

Adaptation and customisation

The configured offer allows you to clad the rack according to your needs:

- 2 framework models.
- 13 door models (microperforated double door, etc.).
- 2 side panel models.



VDS

19" server enclosure

Robust and ventilated



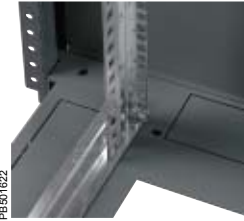
The ventilation is adjustable and does not take up any units (1 to 9 fans).



PB501620

Innovating

The side cable entry is the most ergonomic and efficient solution on the market. The top and bottom openings, flush with the structure, allow the strands to be prepared before installing the rack. These openings also allow for easy maintenance and are closed when the side panels are installed.



PB501622

Ergonomic

The routing of the cable entries is easier:

- Side cable entries at top and bottom, pre-cut.
- Rear cable entries at the bottom, pre-cut.
- Large opening on the roof, offset towards the rear and equipped with a blanking plate.
- Allows the integration of live equipment at the top and the entry of cables from the rear.
- Large opening at the bottom.



PB501628

Adaptable ventilation

The roof ventilation is depth adjustable and does not result in the loss of any units. Option of installing 1 to 9 fans according to the size of your enclosure.



PB501625

Security

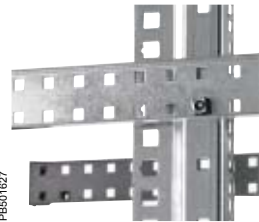
The latches of the panels can be equipped with a key locking system (the key is identical for all the doors).



PB501626

Smart

The pivot and guide system allows the panels to be returned to their place quickly, with maximum security.



PB501627

Practical

Marking of the units on the front panel and on the side for quick installation of the equipment. The 19" uprights are easily depth-adjustable on the site.



Panels and doors can be installed and removed quickly by a single operator.



PB501623

Saves time

All the doors and panels can be installed and removed quickly. The cladding can be installed and removed by a single person. The feet can be adjusted from the inside.



PB501629

Accessories

The central openings on the roof and the base support allow multiple blanking plate combinations (plain, with brush or ventilated). Possibility of installing the blanking plates with the roof plate thanks to the roof stand-offs.

Introduction

Technical characteristics

- Folded and welded sheet-steel enclosure, textured, RAL 9011 black epoxy-polyester powder paint
- Earth continuity guaranteed, according to the standard
- Allowed air flow above 80 %
- Acceptable static load: 750 kg
- Color: black (RAL 9011)
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK10
- impact energy = 20 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

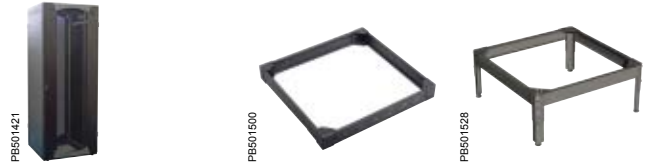
- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a blanking plate with dismountable brush gasket
- Reversible microperforated front and rear door, opening to 180°, closure at 2 points with a handle and a key no. 333. Hinges on the right as standard
- Side panels with no louvres, with quick installation and removal, closing by latches
- Top and bottom side cable entries flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet installed
- Four 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Earthing kit installed
- Delivered on a pallet covered with film
- Composition of the rack without side panels
- Exactly the same composition as the above rack, but without the side panels
- Coupling kit not supplied
- In the event of coupling, use coupling kit ref. **NSYCUNVDA** and brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.



P8601031

Selection guide

Server rack with and without side panels



Number of U	Ext. dimensions (mm)			Rack	Rack without side panels	100 mm plinth	Stand-off plinth for raised floor
	Height	Width	Depth				
24U	1200	600	800	NSYVDS24U68N	NSYVDSC24U68N	NSYZUN68VDA	NSYAEBP2F68
24U	1200	600	1000	NSYVDS24U610N	NSYVDSC24U610N	NSYZUN610VDA	NSYAEBP2F610
24U	1200	800	800	NSYVDS24U88N	NSYVDSC24U88N	NSYZUN88VDA	NSYAEBP2F88
24U	1200	800	1000	NSYVDS24U810N	NSYVDSC24U810N	NSYZUN810VDA	NSYAEBP2F810
42U	2000	600	800	NSYVDS42U68N	NSYVDSC42U68N	NSYZUN68VDA	NSYAEBP2F68
42U	2000	600	1000	NSYVDS42U610N	NSYVDSC42U610N	NSYZUN610VDA	NSYAEBP2F610
42U	2000	800	800	NSYVDS42U88N	NSYVDSC42U88N	NSYZUN88VDA	NSYAEBP2F88
42U	2000	800	1000	NSYVDS42U810N	NSYVDSC42U810N	NSYZUN810VDA	NSYAEBP2F810



Configured

- Configured service: save time and devote yourself to your installation, we perform the product composition, colour and accessory installation for you.
- A single order, a single delivery.

See page XX-XX



Specific

- Specific service: tailor-made enclosures, we perform the enclosure dimensions (15U rack, 400 mm deep, etc.), knock-outs, product composition, colour and accessory installation for you.
- A single order, a single delivery.

See page XX

Patching frame

Overhead patching frame



The Actassi 19" overhead patching frame allows you to use the empty space above the enclosure. Just mount the frame onto the tray, either vertically or at an angle. For mounting on Defem mesh trays, use the Defem B1 fitting. Install patch panels and make the entire enclosure beneath available for server hosting. The patching frame now works as a consolidation point, enabling flexible cabling layout as well as convenient addition of new enclosures and servers.



Robust cord managers for bending radius protection.



Large label for clear visibility from the ground.



For maximum convenience, the brackets enable vertical or angled mounting of the frame.

Actassi 19" overhead patching frame 4U

- 19" frame
- Designed to be mounted in a mesh tray or cable ladder to provide 4U patching positions and to save space in the enclosure below
- 4U height
- In compliance with the directive RoHS and with 19" standards EIA 310-D and IEC 60297-3-100
- Dimensions: 500 x 350 x 160 mm
- Material: steel AN10130 DC01 painted in Raven Black
- Holds up to 15 Kg
- Equipped with two cord managers that secure the bending radius of the cords going down to the enclosure. It includes 4 self-grip strips of 30 cm
- Equipped with a big label holder for easy readability from the ground.



Description	Reference
Overhead 19" patching frame 4U	VDIM33174

PB501607



Locking system (P1)

- Allows the closure of a side panel and the rear panel.
- Lock with key no. 333 with escutcheon plate
- It is installed on the opening latches of the side and rear panels
- Delivery of 2 locks per panel.

Reference
NSYSTVDA

Adapter for 2-point closure handle

- Assembly on the rear of the handle for doors with 2-point closures as standard on Actassi VDA-E or Actassi VDS
- Adapter supplied without the insert.

Adapter	Reference
DIN half-cylinder	NSYAEDN1DVD
ASSA	NSYAEDN1AVD
KABA	NSYAEDN1KVD

PB501420



Key insert for 2-point closure

- Assembly on the handle for doors with 2-point closures as standard on the Actassi VDA-E front door or on Actassi VDS.

Key no.	Reference
2124E	NSYAEDNH2124EVD

3rd closure point for handle

- Assembly on the handle for doors with 2-point closures as standard on the Actassi VDA-E front door or on Actassi VDS
- Provides a 3rd closure point (central).

Reference
NSYAEDN3PVD

PB501419



Key insert for 1-point closure

- Assembly on the handle for doors with 1-point closure as standard on the Actassi VDA or on Actassi VDA-B or on the Actassi VDA-E rear door.

Key no.	Reference
2124E	NSYAEDN2124EVD



Side panels

- Panels made from folded sheet steel with ventilation louvres and plastic obturators at the ends, epoxy-polyester, textured, powder paint
- Panels with quick assembly and removal by latches
- Unit of 2 panels delivered in cardboard packaging
- Option of installing a lock with key ref. **NSYSTVDA**.

Number of U	Height (mm)	Depth (mm)	RAL 7035 light grey	RAL 9011 black
24U	1200	600	NSY2PLVDC24U6	NSY2PLVDC24U6N
24U	1200	800	NSY2PLVDC24U8	NSY2PLVDC24U8N
24U	1200	1000	NSY2PLVDC24U10	NSY2PLVDC24U10N
29U	1400	600	NSY2PLVDC29U6	-
29U	1400	800	NSY2PLVDC29U8	-
33U	1600	600	NSY2PLVDC33U6	-
33U	1600	800	NSY2PLVDC33U8	-
38U	1800	600	NSY2PLVDC38U6	-
38U	1800	800	NSY2PLVDC38U8	-
42U	2000	600	NSY2PLVDC42U6	NSY2PLVDC42U6N
42U	2000	800	NSY2PLVDC42U8	NSY2PLVDC42U8N
42U	2000	1000	NSY2PLVDC42U10	NSY2PLVDC42U10N
47U	2200	600	NSY2PLVDC47U6	-
47U	2200	800	NSY2PLVDC47U8	-



Perforated rear partial panel

- Perforated rear panel for partial door on the VDA enclosures
- Allows the installation of a blanking plate ref. **NSYEC440, NSYEC440, NSYECVA440, NSYECVT3440, NSYECVT3V440**, etc.
- 1.5 mm sheet steel, RAL 7035 light grey paint.

Height (mm)	Width (mm)	Reference
250	600	NSYPPECC26
250	800	NSYPPECC28

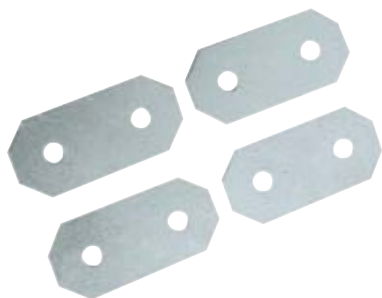


100 mm rear extension kit (D20)

- Frame made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint
- Assembly on the rear of the enclosure framework
- Allows the assembly of a door or a panel
- Makes it possible to obtain depths of 700, 900 and 1100 mm
- Delivered with assembly instructions
- Other sizes, please consult us.

Number of U	Reference	
	Width 600 mm	Width 800 mm
42U	NSYAEPX42U6	NSYAEPX42U8

To order your enclosure elements, please consult the configuration sheet on [page XX](#).



PB501488

Coupling kit (R1)

- Kit to be used when coupling two racks side by side
- Kit made up of 4 flanges and the fixings required for assembly.

Reference

NSYCUNVDA

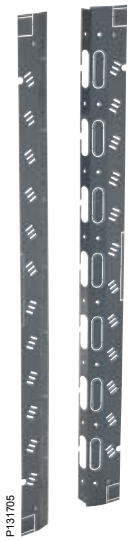


PB501584

Blanking brush gasket for the cable entries between coupled racks

- Blanking plate with brush gasket
- Assembly on the top or bottom frame between two coupled racks, on the cable entry left by the 2 side panels
- Delivered with the fixings required for installation.

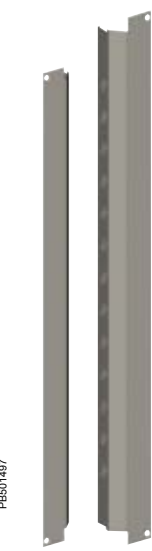
Depth (mm)	Reference
600	NSYCUNPL600
800	NSYCUNPL800
1000	NSYCUNPL1000



Vertical trim strips with cable entries (H2)

- For enclosures with a width of 800 mm only
- Side cut-outs allowing the entry of cables every 250 mm. Knock-out entries on the front plate every 250 mm
- Assembly on the framework uprights providing aesthetic continuity between the framework and the 19" uprights positioned at least 100 mm away from the door
- RAL 7011 dark grey paint
- Cable-protection strips (not supplied) to be ordered separately. See page XX
- Dismounting by 1/4-turn screws
- Kit made up of 2 trim strips.

Number of U	Reference
24U	NSYPV24
33U	NSYPV33
38U	NSYPV38
42U	NSYPV42
47U	NSYPV47



Structure trim strips (H3)

(Incompatible with Actassi VDS)

- For enclosures with widths of 600 and 800 mm
- Assembly on the framework guarantees aesthetic continuity between the framework and the 19" uprights
- RAL 7011 dark grey paint
- They do not allow the assembly of a door or a panel
- Kit made up of 2 trim strips
- Other sizes, please consult us.

Number of U	Reference	
	Width 600 mm	Width 800 mm
42U	NSYAEPF42U6	NSYAEPF42U8



Vertical trim strips with cable entries

(Incompatible with Actassi VDS)

- For enclosures with a width of 800 mm only
- Cut-outs on front panel allowing the entry of cables
- Assembly on the 19" uprights by modifying the position of the 19" upright supports
- RAL 7035 light grey paint
- Cable-protection strips (not supplied) to be ordered separately, page XX
- Kit made up of 2 trim strips
- Other sizes, please consult us.

Number of U	Reference
42U	NSYTVRN42U

PB501446



Standard levelling feet (M1)

- Batch of 4 feet
- Steel feet, height adjustable, from the inside of the rack
- Direct fixing, under the bottom frame or under the plinth of the rack, by M12 screws
- Height: 30 mm.

Reference

NSYPNVDA

PB501489



Anti-vibration levelling feet (M2)

- Batch of 4 feet
- Steel feet, height adjustable, with rubber collar for absorbing vibrations
- Direct fixing, under the bottom frame by M12 screws
- Height 80 mm.

Reference

NSYPRVDA

PB501501



Handling wheels (M3)

- Batch of 4 swivel castors, 2 of which are equipped with a locking system
- Direct fixing under the bottom frame of the rack by M12 screws
- Height of the castors: 105 mm.

Acceptable load

250 kg/4 castors

Reference

NSYRUFVDA

PB501550



Foot-wheels adaptation kit for plinth (M4)

- Kit made up of 4 adaptation parts, 4 castors without brakes, and fixings
- Allows simultaneous assembly of castor reference **NSYRUFVDA** and levelling foot reference **NSYRUFNVDA**
- Direct assembly on the base of an enclosure equipped with a plinth
- Use the levelling feet installed as standard on the rack
- Material: treated sheet steel.

Reference

NSYRUFNPVDA

PB501555



Foot and wheels kit for rack

- Kit made up of 4 castors without brakes and supports for accommodating the positioning feet
- Allows direct assembly on the base of the rack.
- Allows simultaneous assembly of the castors and levelling feet
- Use the levelling feet installed as standard on the rack
- Height of the castors: 105 mm.

Reference

NSYRUFNVDA

PB501500



Plinths (F1)

- Plinth made from folded sheet steel, RAL 7011 dark grey, epoxy-polyester, textured, powder paint
- Plinth height: 100 mm
- Allows the assembly of standard levelling feet compatibles with handling castors reference **NSYRUFNPVDA**
- Option of removing the 4 strips
- Side and rear strips equipped with a knock-out area for cable entry
- Front strip equipped with ventilation louvres.

Width (mm)	Depth (mm)	Reference
600	600	NSYZUN66VDA
600	800	NSYZUN68VDA
600	1000	NSYZUN610VDA
800	600	NSYZUN86VDA
800	800	NSYZUN88VDA
800	1000	NSYZUN810VDA

PB501507



NSYZUNA800VDA + NSYZUN88VDA

Anti-tilt accessory (F2)

- It is fixed to a standard plinth, on the front or rear panel
- Two adjustable anti-tilt feet
- Material: folded sheet, RAL 7011 dark grey, epoxy-polyester, textured, powder paint.

Depth (mm)	Reference
600	NSYZUNA600VDA
800	NSYZUNA800VDA
1000	NSYZUNA1000VDA

PB501506



Filter for plinth

- Assembly on the inside of the front panel of the plinth
- Washable synthetic filters
- Batch of 5 washable synthetic filters.

Width (mm)	Reference
600 and 800	NSYZUNFL108

PB501009



Brush gasket for the cable entries of the plinth

- It is fixed to the knock-out areas for the cable entries
- Delivery by unit.

Entry width (mm) x L	Reference
75 x 400	NSYJPSVD

Base accessories

Stand-off plinth for raised floor

- Folded and welded sheet-steel frame, RAL 9011 black, epoxy-polyester, textured, powder paint
- Delivered with feet adjustable from 0 to 60 mm with holes for fixing to the floor
- Can support Actassi VDA, Actassi VDS, Spacial SM and Spacial SF enclosures
- Standard adjustment for heights from 200 mm to a maximum of 350 mm in steps of 25 mm
- Acceptable static load: 1000 kg
- To adjust heights from 350 to 500 mm, use feet reference **NSYAEBP2F4F**.

P6501528



Dimensions (mm)		Reference
Width	Depth	
600	800	NSYAEBP2F68
600	1000	NSYAEBP2F610
800	800	NSYAEBP2F88
800	1000	NSYAEBP2F810

Batch of 4 feet for stand-off plinths

- Folded and welded sheet-steel feet, textured, RAL 9011 black epoxy-polyester powder paint
- They are installed on the stand-off plinths for raised floor, reusing the levelling feet delivered with the plinth
- Acceptable static load: 1000 kg on 4 feet.

P6501986

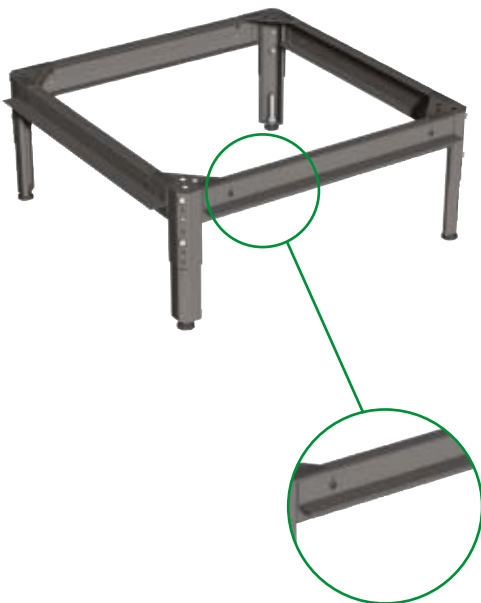


Reference
NSYAEBP2F4F

Floor-panel support bracket

- Batch of 2 brackets made from folded sheet steel painted RAL 9011 black
- They are installed across the width and/or depth on the stand-off plinth to support the panels of the raised floor
- Height adjustment ± 30 mm.

P6501969



Width or depth (mm)	Reference
600	NSYAEBP2FS6
800	NSYAEBP2FS8
1000	NSYAEBP2FS10



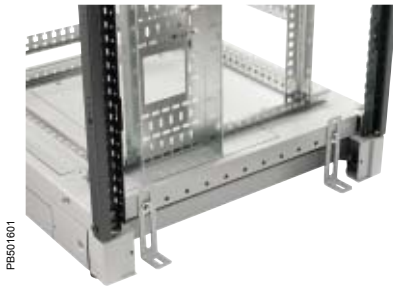
PB601600

Fixing kit

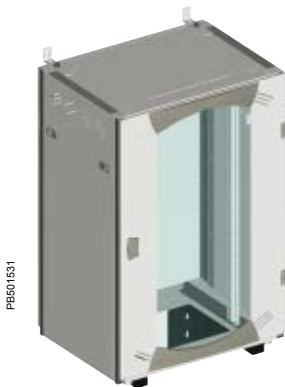
- Allows the rack to be fixed to the floor and/or to the wall
- Delivered with assembly instructions.

Reference

NSYCFM



PB601601

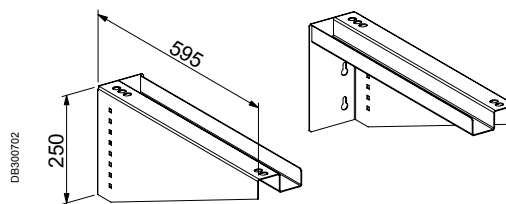


PB601531

Wall-mounting kit for Actassi enclosures

- Allows wall-mounting of racks and enclosures from 6 to 29U, with a depth of 600 mm
- Maximum load inside the rack: 100 kg
- Maximum load inside the enclosure: 50 kg.

Enclosure depth (mm)	Reference
600	NSYCFRS



DB300702

PB501559



Plain roof plate (E1)

- Removable plate made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint
- Plate delivered assembled on the framework
- Option of installing roof stand-offs (reference **NSYEX206**) and blanking plates.

Reference

NSYTSPC450

PB501560



Roof plate with brush gasket (E2)

- Removable plate made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint, equipped with a brush gasket for cable entry
- Plate delivered assembled on the framework
- Option of installing roof stand-offs (reference **NSYEX206**) and blanking plates.

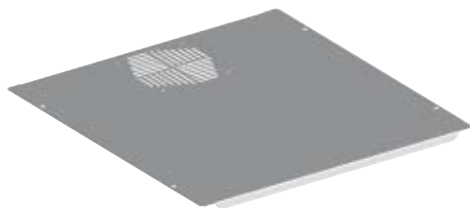
Dimensions

75 x 400 mm

Reference

NSYTSP450

PB501561



Perforated roof plate (E3)

- Removable plate made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint, with cut-out for installing a fan
- Plate delivered assembled on the framework
- Option of installing the fans with a fixing centre-to-centre distance of 105 x 105 (see the ClimaSys range)
- Option of assembling roof stand-offs (reference **NSYEX206**) and blanking plates.

Reference

NSYTSPV450

PB500683



Roof plate elevators for aeration (Q1)

- Direct fixing between the roof and the roof plate
- Stand-offs to be ordered with a minimum of 100 pieces.

Height (mm)

20

Reference

NSYEX206

PB501543



PB500694



Plain blanking plate (J1) (K1)

- Fixing on the internal surface of the base or roof
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation.

Reference

NSYEC440

PB500695



Blanking plate with brush gasket (J2) (K2) (L1)

- Fixing on the internal surface of the base or roof or on a 6U knock-out panel of the reduced rear door
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation.

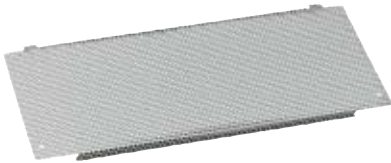
Dimensions (mm)

75 x 400 mm

Reference

NSYEC440

PB500696



Blanking plate with ventilation louvres (J5) (K3) (L4)

- Fixing on the internal surface of the base or roof or on a 6U knock-out panel of the reduced rear door
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation.

Reference

NSYECAV440

PB500697



Blanking plates with or without fans

Ø 120 mm (J3) (J4) (L2) (L3)

- Fixing on the internal surface of the base or roof or on a 6U knock-out panel of the reduced rear door
- Equipped with 2 or 3 fans, free flow of 170 m³/h each, 220 V-50/60 Hz, installed wired with terminal board. A 3-m power cord is supplied, installed
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation
- Noise level: 34 dB (A)
- 1U front panel with thermostat, [page XX](#)
- To use this blanking plate with UK PDU, order UK adaptor Ref: **NSYAPUFRUK**.

Dimensions (mm)

3 positions without fan

With 3 fans

2 positions without fan

With 2 fans

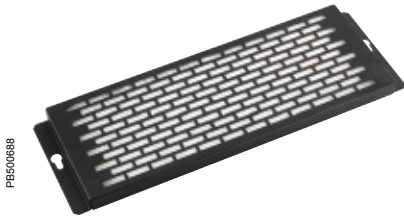
Reference

NSYECVT3440

NSYECVT3V440

NSYECVT2440

NSYECVT2V440



PB630088

NSYFECVT440

Filter for ventilated blanking plate

- It is fixed on top of the ventilated plates or the plates with ventilation louvres.

Reference
NSYFECVT440

Height (mm)	Reference
Batch of 5 spare filters	NSYCEFILS

Example of possible combinations of blanking plates for network racks

Top frame		Combination 1	Combination 2	Combination 3	Combination 4
Width	Depth				
600 and 800 mm	600 mm 800 mm 1000 mm	DB300703	DB300703	DB300703	DB300703
Bottom frame 600 and 800 mm	600 mm	DB300704	DB300704	DB300704	DB300704
600 and 800 mm	800 mm 1000 mm	DB300705	DB300705	DB300705	DB300705



PB501530

Brush gaskets for cable entry on the side panels

- Batch of 2 brush gaskets
- Assembly instead of the plastic obturators, at the top or bottom of the side panels
- Cable-entry width: 35 mm.

Depth (mm)	Reference
600	NSYECPL600
800	NSYECPL800
1000	NSYECPL1000



PB501069

Brush gasket for a knock-out area

- Assembly on the knock-out areas for cable entry
- Cable-entry width: 75 mm.

Reference
NSYJPSVD

PB501011



Ventilation plate for a knock-out area

- Fixing to the knock-out areas for cable entry
- 2 fans installed wired with a terminal block, protection grille and 3-m power cord
- Treated sheet steel
- Delivered with the fixings required for installation
- Noise level: 34 dB (A)
- Flow rate of 35 m³/h for each fan
- To use this blanking plate with UK PDU, order UK adaptor Ref: **NSYAPUFRUK**.

Reference

NSYVL400

PB501010



Blanking plate for a knock-out area

- Treated sheet steel
- Assembly on the knock-out areas for cable entry.

Reference

NSYECS400

PB501602



Sheet-edge protection strip

- 10-m roll of rubber protection strip.

Reference

NSYTPV

PB501502



Hoisting accessories

Lifting eyes

- Batch of 4 lifting eyes
- Fixing to the framework of the rack
- Maximum load: 360 kg for 4 eyes (slinging at 60°)
- Ø M12.

Reference

NSYAELYM12VD



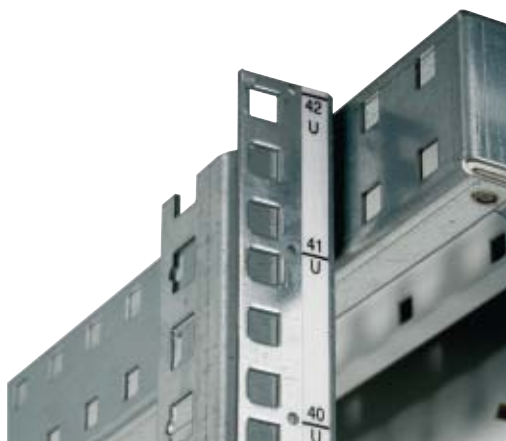
PE501525

PE501603

Additional 19" uprights

- Assembly on the depthwise supports
- Depth adjustable in steps of 25 mm
- Kit made up of 2 uprights and the fixings required for assembly
- For partial assembly use depth-support references **NSYSBRF66** to **NSYSBRF88**
- 9.5 mm square holes in the front panel.

Number of U	Reference
12U	NSYBR9F12
21U	NSYBR9F21
24U	NSYBR9F24
29U	NSYBR9F29
33U	NSYBR9F33
38U	NSYBR9F38
42U	NSYBR9F42
47U	NSYBR9F47



PE501608

Adhesive strip for marking the U

- Batch of 10 self-adhesive strips
- Gluing on the front panel of the 19" upright
- Allows the units to be numbered
- Length: 42U.

Reference
NSYENU



PE501506

PE501609

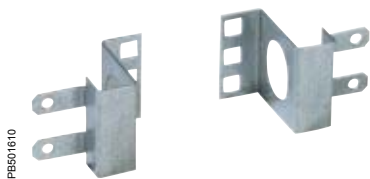
Additional 19" upright supports

- Assembly in intermediate position on the framework to reinforce the rigidity of the 19" rack and/or to support the cables
- Kit made up of 2 supports and the fixings required for assembly.

NSYSBRF86
NSYSBRF88
NSYSBRF810

NSYSBRF66
NSYSBRF68
NSYSBRF610

Rack width (mm)	Rack depth (mm)	Reference
600	600	NSYSBRF66
600	800	NSYSBRF68
600	1000	NSYSBRF610
800	600	NSYSBRF86
800	800	NSYSBRF88
800	1000	NSYSBRF810



PB501610

Fixed partial 19" uprights

- Height: 2U
- Direct assembly on the framework of the rack, 100 mm back from the front panel
- Treated sheet steel
- Kit made up of 2 uprights and the fixings required for assembly.

Number of U	Reference	
	Width 600 mm	Width 800 mm
2	NSYBR9F2U6	NSYBR9F2U8



PB501565

Metric uprights

- Direct assembly on the framework, with the help of the metric uprights, instead of the 19" uprights
- Kit made up of 2 uprights and the fixings required for assembly
- Depth adjustable in steps of 25 mm.

Rack height (mm)	Number of U	Reference
1200	43	NSYBMF43
1800	68	NSYBMF68
2000	75	NSYBMF75



PB501609

Metric upright supports

- Fixing on the framework instead of the 19" upright supports, allowing the assembly of the metric uprights
- Kit made up of 2 supports and the fixings required for assembly.

NSYSBMF66

Rack width (mm)	Number of U	Reference
600	600	NSYSBMF66



PB501514

Cable-support cross-rails on framework (N)

- Direct assembly on the framework of the enclosure
- Allow cables to be flanged using cable ties
- Treated sheet steel
- Kit made up of 2 cross-rails and the fixings required for assembly.

NSYTVPSL8

Width (mm)	Reference
600	NSYTVPSL6
800	NSYTVPSL8

Depth (mm)	Reference
600	NSYTVPSP6
800	NSYTVPSP8
1000	NSYTVPSP10

Mounting components

Equipment support

PB500189



Fixings for 19" racks

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XX

PB501477



Fixed 19" trays

Page
XX

PB500190



Telescopic 19" trays

Page
XX

Power-distribution

Current distribution

PB501479



19" distribution rail with or without protection

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Modular distribution

PB501480



19" front plates for modular circuit breakers

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Cable-management plates

19" cover plate

PB501481



19" cover plates
Painted steel: 1.5 mm

Page
XX





PB501482





19" cover plates with ventilation louvres
Steel 1.5 mm

Page
XX



Cable-management

Cable distribution		Cable management	
 <p>PB501483</p>	 <p>PB501484</p>	 <p>PB501485</p>	 <p>PB501487 PB501486</p>
1U or 2U 19" front panels with cable-gland openings	1U 19" cable-gland front panels with brush gasket	1U 19" front panels with insulating guides	1U 19" front panels with metal guides or with cable ducting
Page XX	Page XX	Page XX	Page XX

Thermal-management

19" thermostats	
 <p>PB501488</p>	 <p>PB501489</p>
1U front panel with switch and thermostat	1U front panel with digital thermostat
Page XX	Page XX

Monitoring system

Lighting	Keyboard-mouse-screen drawer
 <p>PB 107706</p>	 <p>AWL_1901-B-TP_002</p>
Lamp to be fixed on 19"	Keyboard-mouse-screen drawer
Page XX	Page XX

PE801604



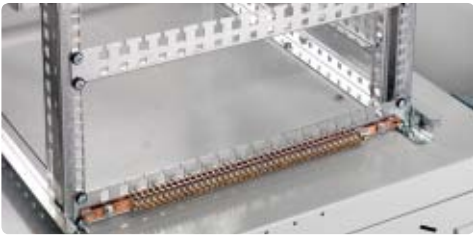
NSYAEECS

PE801642



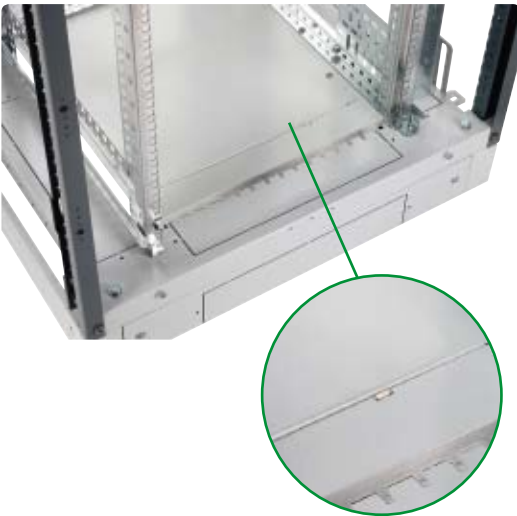
NSYAEEC1UF

PE801643



NSYAEEC1UN

PE801642



PE800217



Earthing strip (Y)

- Two models available:

- insulated: 10 x 5 mm brass bar with 40 connection points by screws for lugs (screws not installed)
- non-insulated: stainless-steel bar ref. **NSYAEEC1UF**, connection by Faston lug 6.5 or by copper bar with caged terminal ref. **NSYAEEC1UN**
 - Fixing to the 19" rack or to the framework
 - Length: 480 mm
 - Delivered with fixings
 - Strip reference **NSYAEEC1UN** is equipped with caged terminal blocks.

Insulated	Reference
Yes	NSYAEECS
No	NSYAEEC1UF
No	NSYAEEC1UN

Earthing claws

- Batch of 100 pieces
- Provides earthing continuity of the front panels and blanking plates.

Note: it is up to the installer to make sure earth continuity and the earth connections are guaranteed.

Reference
NSYAEEC100C

Earthing kit for Actassi OPB / VDC

- To earth all the covering components.

Reference
NSYCTOPB

Earthing kit for Actassi VDA / VDS

- Kit for earthing the cladding pieces of the enclosure
- Assembly on all the doors of the enclosure to comply with standard IEC 62208, Section 9.10 regarding the continuity of the protection circuit
- Brass and copper lugs
- Green-yellow PVC insulating sheath.

Note: it is up to the installer to make sure earth continuity and the earth connections are guaranteed.

Reference
NSYCTVDA

PB501644



Nuts for 19" uprights

For fixing components to the rear of the 19" uprights.

- Batch of 50 M6 caged nuts
- Bag of M6 caged nuts for 12 mm square holes (holes on the rear of the 19" uprights).

Reference of batch of 50 nuts

NSYGFR12M65

PB500189



Fixings for 19" rack

- They allow 19" accessories to be mounted
- Caged nut compatible with 8.5 x 8.5 mm and 9.5 x 9.5 mm holes.

Batch of	Name	Reference
30	M6 screws + washers + nuts	NSYGFR95M63
50	M6 x 16 screws and washers	NSYGFR166P
100	M6 caged nuts	NSYCN9M625
50	M6 screws + washers + nuts	NSYGFR95M65
50	M5 screws + washers + nuts	NSYGFR95M55

Universal accessories

Shelves

(compatible only with floor standing enclosures)



PB901637



PB901640

Fixed perforated and plain 19" trays, 1U

- Fixing by attachment without tools between the front and rear 19" uprights
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 100 kg
- Option of installing a handle reference **NSYASR3U** on the front panel (page XX) and a guide reference **NSYGCA46** on the rear panel (page XX).

Rack depth (mm)	Fixing centre-to-centre distance (mm)	References of RAL 7035 perforated 19" trays	References of RAL 7035 plain 19" trays
600-800-1000	258 (1)	NSYBBF1U40P	NSYBBF1U40
800-1000	458 (1)	NSYBBF1U60P	NSYBBF1U60
1000	658 (1)	NSYBBF1U80P	NSYBBF1U80

Rack depth (mm)	Fixing centre-to-centre distance (mm)	References of RAL 7016 perforated 19" trays
600-800-1000	258 (1)	NSYBBF1U40PG
800-1000	458 (1)	NSYBBF1U60PG
1000	658 (1)	NSYBBF1U80PG

(1) -100 ...+50 mm, adjustable in steps of 25 mm.



PB501508



PB501641

Telescopic perforated and plain 19" trays, 1U

- Fixing by attachment without tools between the front and rear 19" uprights
- Fixing on the telescopic slides supplied
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 45 kg
- Option of installing a handle reference **NSYASR3U** on the front panel (page XX) and a guide reference **NSYGCA46** on the rear panel (page XX).

Rack depth (mm)	Fixing centre-to-centre distance (mm)	Mounting on slides (1)	References of RAL 7035 perforated 19" trays	References of RAL 7035 plain 19" trays
600-800-1000	258 (2)	NSYGT40	NSYBBT1U40P	NSYBBT1U40
800-1000	458 (2)	NSYGT60	NSYBBT1U60P	NSYBBT1U60
1000	658 (2)	NSYGT80	NSYBBT1U80P	NSYBBT1U80

Rack depth (mm)	Fixing centre-to-centre distance (mm)	Mounting on slides (1)	References of RAL 7016 perforated 19" trays
600-800-1000	258 (1)	NSYGT40	NSYBBT1U40PG
800-1000	458 (1)	NSYGT60	NSYBBT1U60PG
1000	658 (1)	NSYGT80	NSYBBT1U80PG

(1) Slides delivered with the tray.

(2) -100 ...+50 mm, adjustable in steps of 50 mm.



PB501645

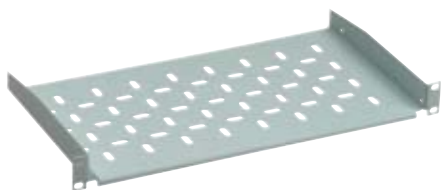
Handle for telescopic 19" tray

- Plastic material, RAL 7011 dark grey
- Delivered with fixings.

Reference

NSYASR3U

PB501646



1U fixed 19" tray

- Fixing to the front or rear uprights of the 19" rack
- Heel of 5 mm
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 1U 15 kg - 2U 20 kg.

Number of U	Depth (mm)	Load (kg)	Reference RAL 7035	Reference RAL 7016
2U	250	20	NSYBF2U25P	NSYBF2U25PG
2U	380	20	NSYBF2U40P	NSYBF2U40PG
1U	250	15	NSYBF1U25P	-

PB500180



2U telescopic 19" tray

- Fixing to the front uprights of the 19" rack
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 5 kg
- Delivered with the telescopic slides assembled
- Heel of 5 mm.

Number of U	Depth (mm)	Load (kg)	Reference RAL 7035	Reference RAL 7016
2U	250	5	NSYBT2U25P	NSYBT2U25PG

PB501647



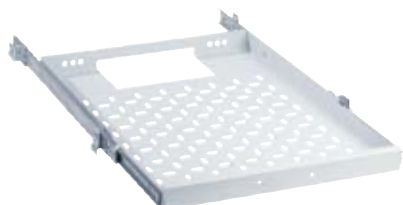
19" screen-support tray

(Compatible only with floor standing enclosures)

- Fixing by attachment without tools between the front and rear 19" uprights
- Sheet steel, RAL 7035 light grey paint
- Delivered with all the necessary fixings
- Acceptable load: 45 kg.

Rack depth (mm)	Reference
800-1000	NSYBSM80
1000	NSYBSM100

PB501648



19" keyboard-support tray

(Compatible only with floor standing enclosures)

- Sheet steel, RAL 7035 light grey paint
- Delivered with all the necessary fixings
- Acceptable load: 45 kg
- Fixing by attachment without tools between the front and rear 19" uprights
- Fixing on the telescopic slides supplied
- Optional installation of handle reference NSYASR3U.

Rack depth (mm)	Reference
800-1000	NSYBST80
1000	NSYBST100

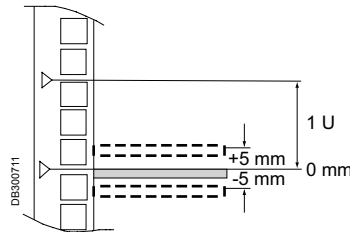
PB501510



Fixed 19" slides

- Batch of 2 slides for the 19" hardware
- Material: treated steel
- Acceptable load: 60 kg
- Heel 0 mm: fixing by attachment between the front and rear 19" uprights
- Heel ± 5 mm: fixing by screws between the front and rear 19" uprights; supplied with the slides.

Rack depth (mm)	Distance between the front and rear uprights	Fixing centre-to-centre distance (mm)	Reference heel height: 0 mm	Reference heel height: ± 5 mm
600-800-1000	350	258	NSYGF356	NSYGF356H5
800-1000	450	358	NSYGF456	-
800-1000	550	458	NSYGF556	NSYGF556H5
1000	650	558	NSYGF656	-
1000	750	658	NSYGF756	NSYGF756H5



PB501511

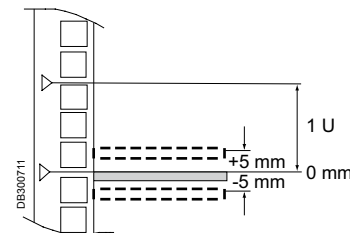
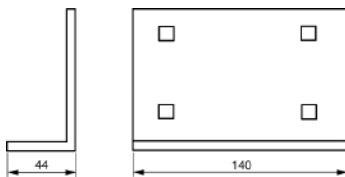


2U partial fixed 19" slides

- Batch of 2 slides
- Fixing by attachment on the front or rear 19" uprights
- Material: treated steel
- Acceptable load: 30 kg.

Number of U	Heel height (mm)	Reference
2U	0	NSYGB140
2U	± 5	NSYGB140H5

DB300712



PB501650



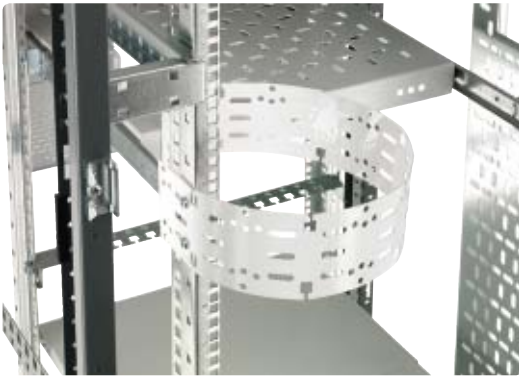
Full telescopic 19" slides

- Batch of 2 slides, for plain or perforated tray, guaranteeing a full pull-out
- Fixing between the front and rear 19" uprights
- Delivered with fixing accessories.

Rack depth (mm)	Fixing centre-to-centre distance (mm)	Reference
600-800-1000	258 (1)	NSYGT40
800-1000	458 (1)	NSYGT60
1000	658 (1)	NSYGF80

(1) -100 ...+50 mm, adjustable in steps of 50 mm.

PB501651



Cable support for telescopic tray

- Plastic strip for containing the cables between the framework and the telescopic accessories
- Delivered with the fixings required for installation
- Delivery by unit.

Reference

NSYBTSC

PB501652



Rear cable support

- Fixing of cables through an opening without effort
- Direct fixing to the framework and the rear part of the tray.

Reference

NSYBTSCS

PB501653



Universal fixing plate

- Fixing to the 19" uprights or to the framework uprights for mounting accessories
- Delivery by unit.

Reference

NSYEUV

Universal accessories

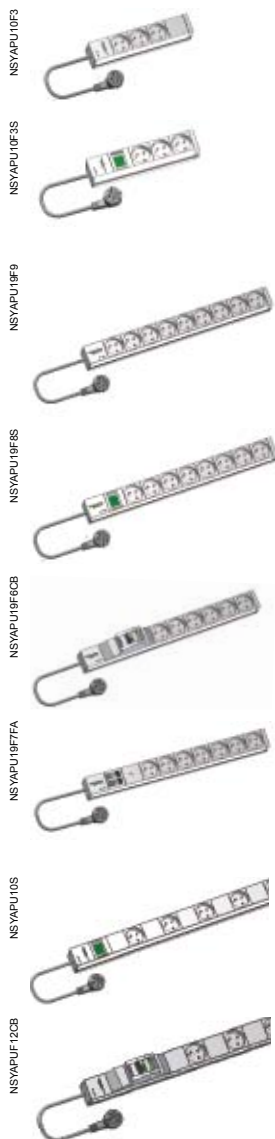
Electrical power distribution rails

PDU'S

UTE - 16 A/230 V~ with pin-earthed outlets

- Sockets set at 35° with child protection
- Aluminium profile silver - height 1U
- Material: fibreglass polyamide plastic with fire resistance to 850°C
- Equipped with power cord (3G 1.5 mm²) type H05 VVF, equipped with a mould right angle plug with earthing contact system
- According to NF C 61314, IEC 60884 and NBNC61112-1 standards
- Could be used in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic.

Number of sockets	Width (mm)	Depth (mm)	Type	UTE
10" Adapted				
3 sockets outlets	10"	44	A	NSYAPU10F3
3 sockets outlets with recessed green led switch	10"	44	B	NSYAPU10F3S
19" Adapted				
9 sockets outlets	19"	44	A	NSYAPU19F9
8 sockets outlets with recessed green led switch	19"	44	B	NSYAPU19F8S
6 sockets outlets with Overvoltage protection 16 A	19"	76	C	NSYAPU19F6CB
7 sockets outlets with Overvoltage protection 16 A + frequency filters	19"	44	D	NSYAPU19F7FA
Vertical – 0U				
10 sockets outlets with recessed green led switch (D. 968 mm)	968	44	B	NSYAPUF10S
12 sockets outlets with Overvoltage protection 16 A (D. 1232 mm)	1232	76	C	NSYAPUF12CB



- A: rail of sockets without protection
- B: rail of sockets with recessed green LED switch
- C: rail of sockets with bi-polar magnetothermal circuit-breaker C16 type C60N 16 A curve C
- D: suppression filter for interferences of up to 30 MHz, nominal frequency 400 Hz, attenuation 20 dB per decade.

VDE - 16 A / 230 V~ with side-earthed outlets

- Sockets set at 35° with child protection
- Aluminium profile silver - height 1U
- Material: fibreglass polyamide plastic with fire resistance to 850°C
- Equipped with power cord (3G 1.5 mm²) type H05 VVF, equipped with a mould right angle plug with earthing contact system
- According to DIN49 440, VDE0620-1, IEC 60884 and UNE20315 standards
- Could be used in: Germany, Austria, Netherlands, Italy (partial), Spain, Portugal, Sweden, Norway, Finland, Slovenia, Romania, Hungary, Afghanistan, Andorra, Vatican City, San Marino, Estonia, South Korea, Indonesia, Iceland, Chile, Bulgaria.



Number of sockets	Width (mm)	Depth (mm)	Type	VDE
10" Adapted				
3 sockets outlets	10"	44	A	NSYAPU10S3
3 sockets outlets with recessed green led switch	10"	44	B	NSYAPU10S3S
19" Adapted				
9 sockets outlets	19"	44	A	NSYAPU19S9
8 sockets outlets with recessed green led switch	19"	44	B	NSYAPU19S8S
6 sockets outlets with Overvoltage protection 16 A	19"	76	C	NSYAPU19S6CB
7 sockets outlets with Overvoltage protection 16 A + frequency filters	19"	44	D	NSYAPU19S7FA
Vertical				
10 sockets outlets with recessed green led switch (D. 968 mm)	968	44	B	NSYAPUS10S
12 sockets outlets with Overvoltage protection 16 A (D. 1232 mm)	1232	76	C	NSYAPUS12CB

- A: rail of sockets without protection
- B: rail of sockets with recessed green LED switch
- C: rail of sockets with bi-polar magnetothermal circuit-breaker C16 type C60N 16 A curve C
- D: suppression filter for interferences of up to 30 MHz, nominal frequency 400 Hz, attenuation 20 dB per decade.

UK - 13 A/240 V~ with BS standard outlets

- Sockets set at 90° with child protection
- Aluminium profile silver - heigh 1U
- Material: fibreglass polyamide plastic with fire resistance to 850°C
- Equipped with power cord (3G 1.5 mm²) type H05 VVF, equipped with a mould right angle plug with earthing contact system.

Number of sockets	Width (mm)	Depth (mm)	Type	UTE
19" Adapted				
7 sockets outlets	19"	44	A	NSYAPU19UK7
6 sockets outlets with recessed green led switch	19"	44	B	NSYAPU19UK6S

NSYAPU19UK7



NSYAPU19UK6S



PE500984



NSYAPUB

Fixing brackets

- For vertical assembly of distribution rails
- Batch of 2 brackets, adaptable to all rails, delivered with fixings
- Material: treated steel, thickness 10/10 mm
- Fixing to the ends of the rail: reference **NSYAPUBV**
- Fixing with an orientation of 90°: reference **NSYAPUB**.

Fixing	Reference
End of the rail	NSYAPUB
Orientation of 90°	NSYAPUBV

PE500985



NSYAPUBV



PBS01480

NSYCRTMR3UD

19" front plate for modular circuit-breakers

- Front plates for mounting 22 18 mm modules
- Fixing to the 19" rack
- Delivered with steel DIN rail
- Front panel made from sheet steel, 15/10 mm thick, RAL 7035 or RAL 7016 grey paint
- Front panel made from 3 mm anodised aluminium.

Number of U	References	
	RAL 7035 steel front panel	RAL 7016 steel front panel
3U	NSYCRTM3UD	NSYCRTM3UDG
4U	-	-



PBS01658

NSYCRTA4UD

19" DIN rail

- DIN rail for fixing on the front surface of the 19" uprights
- Delivery by unit.

Reference
NSYR19DN



PBS01659

Universal accessories

Cable management

(compatible only with floor standing enclosures)



PB501515

Side cable-support cross-rails on 19" uprights

- For mounting between the front and rear 19" uprights
- Allow cables to be flanged using cable ties
- Batch of 2 pieces.

Rack depth (mm)	Distance between the front and rear 19" uprights (mm)	Fixing centre-to-centre distance (mm)	Reference
600-800-1000	350	258	NSYTVP356
600-800	550	458	NSYTVP556
800-1000	750	658	NSYTVP756

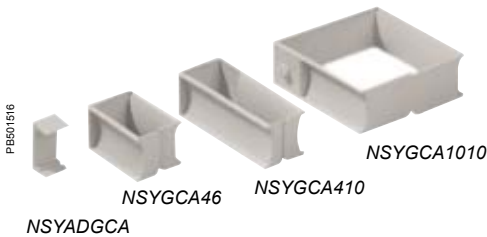


PB501460

Rear cable-support cross-rails on fixed 19"

- Mounting on the rear of the 19" uprights of the rack
- Allow cables to be fixed and guided at the rear of the circulation panels
- Delivered with the fixings required for installation.

Reference
NSYTVAR



PB501516

Guides (X)

- Mounting on:
 - The 19" uprights (laterally)
 - All the cable-support cross-rails
 - At the rear of the 19" shelves
 - on the framework uprights, with the help of intermediate support reference **NSYADGCA**

- Material: plastic, RAL 7035 light grey
- Guides and supports: batch of 10.

Dimensions (mm)	Reference
40 x 60	NSYGCA46
40 x 100	NSYGCA410
100 x 100	NSYGCA1010

Reference of the intermediate support
NSYADGCA



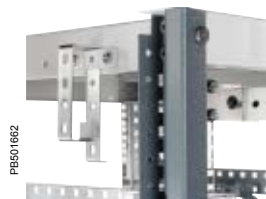
PB501681



PB501517

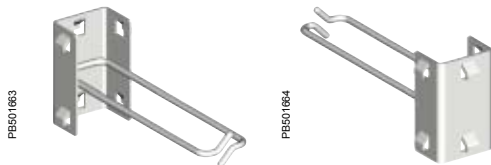
Metal guides

- Delivered with the mounting elements (screw, nut)
- Installation on the 19" rack, laterally on the framework uprights inside the rack
- Batch of 10 pieces.



PB501682

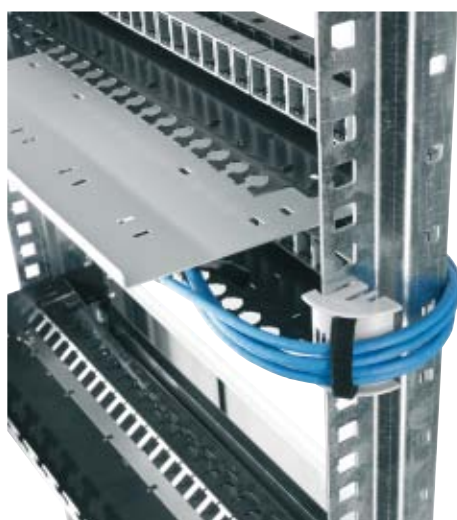
Description	Reference
100 x 100 guide	NSYGC1010
40 x 100 guide	NSYGC410



Wired guides

- Batch of 10 wired guides
- Side mounting on the 19" uprights
- Material: treated steel.

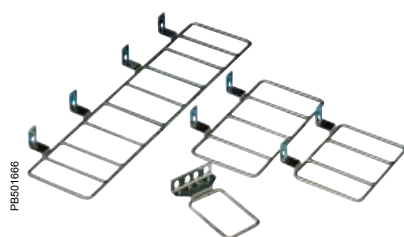
Dimensions (mm)	Reference
24 x 130	NSYGCH213



Cable guide

- Protects and guides the cables on the sheet edges
- Batch of 10 plastic guiding flanges
- Fixed by simply clipping onto the sheet edge.

Reference
NSYGCP



19" vertical cable guides

- Fixing on the 19" uprights
- Material: nickel steel
- Delivery by unit.

Number of U	Depth (mm)	Reference
9U	120	NSYGC9U19
1.5U	120	NSYGC1US19



Self-grip strips

- For holding the cables on the supports
- Models available in 3 shapes:
 - cable tie 13 mm wide, 225 mm long; batch of 10 pieces
 - strap in a roll 16 mm wide and 5 metres long, black colour
 - adhesive cable strap, 50 x 20 mm, black colour, in a batch of 10 pieces.

Colour	Reference of 225 mm strips
Black	NSYACC2N

Colour	Reference of 5 m strips
Black	NSYACC50N

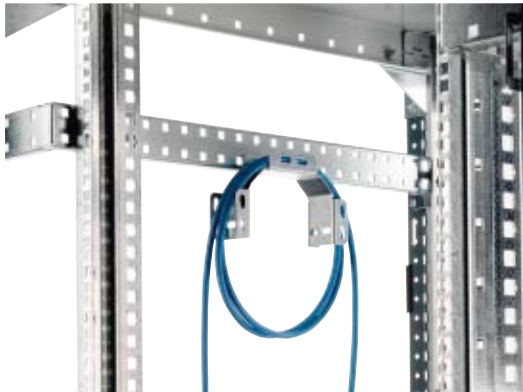
Colour	Reference of adhesive strap
Black	NSYACCA

NSYACC2N

Universal accessories

Cable management

(compatible only with floor standing enclosures)



P8501687

Support for the management of cable surplus

- Used for winding cable surplus
- Delivered with the fixings required for installation.

Reference

NSYACGCS



Image003

Performa Zinc+ Mesh trays prepared for Actassi VDA / VDS - 42U enclosures (W)

- 2 models available with depths of 35 or 70 mm; width of 200 mm and length of 1800 mm
- Made from high-quality steel wires with an innovative surface coating for improved corrosion resistance
- Mounting on cable support (references **NSYTVPSL6** to **NSYTVPSP10**) or on the 19" upright supports (rack width 800 mm only)
- Delivered with fixing accessories.

Usable depth (mm)	Reference
35	NSYBPC3
70	NSYBPC5

A summary of the Performa Zinc+ benefits

- A new innovative surface coating for improved corrosion resistance, aesthetic finish and reduced environmental impact
- Double transversal wires for outstanding working load
- Reduced installation time with screw-less accessories
- Patented solution for safety edges
- Delivered in a protective film, colour coded for easy identification.



P126483



NSYCRTM1U32B

1U 19" front panels with metal guides

- Channels the cables over the front panel of the rack
- Fixing to the 19" rack
- Sheet steel, RAL 7035 or RAL 7016 grey paint.

Number of guides		RAL 7035 cable-guide reference	RAL 7016 cable-guide reference
Vert.	Horiz.		
4	0	NSYCRTM1U40B	NSYCRTM1U40BG
3	2	NSYCRTM1U32B	-



2U 19" front panel with cable ducting

- Channels and protects the cables over the front panel of the rack
- Fixing on the 19" uprights
- Reinforces the aesthetics of the equipment
- Sheet steel, RAL 7035 light grey paint.

Reference
NSYCRTM2UC



1U 19" front panel with cable-gland openings

- Fixing on the 19" uprights
- Openings protected by a gasket
- Sheet steel, RAL 7035 or RAL 7016 grey paint.

RAL 7035 reference	RAL 7016 reference
NSYCRTM1U2	NSYCRTM1U2G



1U 19" front panel with openings and cable support

- Fixing on the 19" uprights
- Openings protected by a gasket
- Performs the duty of a cable tray
- Sheet steel, RAL 7035 light grey paint.

Reference
NSYCRTM1UA2



NSYCRTM1U1P

1U 19" front panels with cable-gland and brush gasket

- Fixing on the 19" uprights
- Sheet steel, RAL 7035 or RAL 7016 paint
- 150 mm cable support.

Type	RAL 7035 reference	RAL 7016 reference
With cable support at the rear	NSYCRTM1U1P	NSYCRTM1U1PG
Without cable support at the rear	NSYCRTM1U1PS	-



1U 19" front panel with insulating guides

- Channels the cables over the front panel of the rack
- Fixing on the 19" uprights
- Steel front panel, RAL 7035 light grey paint
- Equipped with 5 guides (reference NSYGCA46) in horizontal, vertical and 45° positions.

Reference
NSYCRTM1U5GCA

PB501669



NSYCRTM2U3

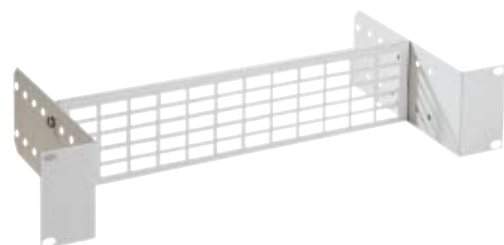
2U 19" front panel with cable-gland

- Fixing to the 19" rack
- Openings protected by a gasket
- Sheet steel, RAL 7035 light grey paint.

Reference

NSYCRTM2U3

PB501670



2U depth-adjustable 19" support

- Fixing on the 19" uprights
- Depth-adjustable from 50 to 200 mm; it allows the installation of non-19" devices or the fixing of cables, ducting, etc.
- Sheet steel, RAL 7035 light grey paint
- Delivered with assembly fixings.

Reference

NSYCRTM2US

PB501671



Frontal 19" cable-support cross-rails

- For frontal assembly on the 19" uprights
- Allow cables to be flanged using cable ties
- Batch of 2 pieces.

Reference

NSYTVA



PB601481

Sheet steel.

Plain 19" front panel

- Fixing to the 19" rack
- Front panel made from sheet steel, 15/10 mm thick, RAL 7035 or RAL 7016 grey paint
- Front panel made from 3 or 4 mm anodised aluminium
- Fixing by screws reference **NSYGFR95M65**
- Earthing claws reference **NSYAEEC100C**.

Number of U	References	
	RAL 7035 steel front panel	RAL 7016 steel front panel
1U	NSYCRTM1U	NSYCRTM1UG
2U	NSYCRTM2U	NSYCRTM2UG
3U	NSYCRTM3U	NSYCRTM3UG
4U	NSYCRTM4U	-
5U	NSYCRTM5U	-
6U	NSYCRTM6U	-
9U	NSYCRTM9U	-
10U	NSYCRTM10U	-
12U	NSYCRTM12U	-



PB601482

Front panel with ventilation louvres

- Direct fixing to the 19" rack
- Sheet steel, 15/10 mm thick, RAL 7035 light grey paint
- Allow the entry of air for natural ventilation of the installations
- Option of installing reference **NSYCRTMR3U** with 3 fans reference: **NSYCVF65M230PF** as accessories
- Fixing by screws reference **NSYGFR95M65**
- Earthing claws reference **NSYAEEC100C**.

Number of U	Reference
1U	NSYCRTMR1U
3U	NSYCRTMR3U

PE501488



1U 19" front panel with ventilation switch and thermostat

- Direct fixing to the 19" rack
- Switch with LED
- Thermostat 0 ... +60°C, In 5 A/250 V
- Front panel made from RAL 7035 or RAL 7016 sheet.

Reference RAL 7035

NSYCRTM1UVT

Reference RAL 7016

NSYCRTM1UVTG

PE501489



1U 19" front panel with digital thermostat

- Direct fixing to the 19" rack
- Thermostat 0 ... +60°C, In 5 A/250 V
- Front panel made from RAL 7035 sheet
- Delivery with thermal sensor with 2 m of cable.

Reference

NSYCRTM1UVTD

PE501518



NSYAVD1U1450

1U 19" mixing drawer

- Speeds up the upward circulation of air
- Frontal operating LED
- Delivered without connection cord
- The installation of slides reference **NSYGB140** is recommended to guarantee optimum support for the drawer.

P (W)	I (mA)	dB (A)	Depth (mm)	Flow rate (1) (m³/h)	Voltage (V)	Number of fans	Weight (kg)	Drawer reference
34	–	50	200	312	230	2	2.5	NSYAVD1U312T (3)
45	300	43	208	486	230	3	3.3	NSYAVD1U480
68	–	52	320	624	230	4	5	NSYAVD1U624T (3)
90	600	44	330	972	230	6	5.5	NSYAVD1U970
135	900	45	452	1458	230	9	7.8	NSYAVD1U1450
21.3	330	43	208	552	48 (2)	3	3.3	NSYAVD1U550M48

(1) Flow measured without back pressure.

(2) Direct current.

(3) Drawers equipped with a thermostat and a switch.

PE501068



2U 19" tangential fan

- Voltage: 220 V/50 Hz
- Flow rate: 300 m³/h
- Power: 37 W
- Noise level: 53 dB (A).

Reference

NSYAVG2U300

AW_1901-B-TP-002



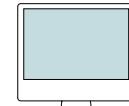
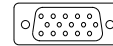
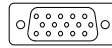
Telescopic keyboard-screen drawer, 1U

- Single-rail sliding console for any 1U (19") system rack
- Lockable rail (screw type) on both ends to prevent unit from sliding out during transportation
- 19" LCD display, integrated console keyboard & touchpad in a 1U rack drawer
- RGB analog LCD display up to 1280 x 1024 resolution.

Type of keyboard	Reference
French	NSYAUSK1UF
English	NSYAUSK1UE

- A/C INPUT: 100-240 V, 1.5 A, 50-60 Hz
- VGA/Keyboard/Mouse contact

Data/Behor



19-E Universal accessories lighting







PB507061

Multi-fixing lamp

This lamp is designed to optimise the space and accessibility of the enclosure, as well as having four fixing options as standard in each model.



Supply: 1 lamp and fixing elements.

Description	Voltage	Socket	Reference
Multi-fixing lamp with socket	230 V	Schuko	 NSYLAMCS
Multi-fixing lamp with socket	230 V	UTE	 NSYLAMCF
Multi-fixing lamp with socket	230 V	British	 NSYLAMCB
Multi-fixing lamp with socket	120 V	UL-CSA	 NSYLAMCU



PB507715

Cost-effective lamp

These lamps offer excellent value for money and can adapt to any installation.



Supply: 1 lamp and fixing elements.

Power	Voltage	Frequency	Lumens*	Dimensions		Reference
				(mm)	(in)	
8 W	220 V	50-60 Hz	400 lm	213 x 20 3 36	12.17 x 0.78 x 1.40	NSYLAM8T5



PB507714

Rack for VDI

1U, 19" rack. For lamp installation in VDI enclosures. Supplied with fixing elements.

Description	Reference
1U 19" rack for lamp	NSYLAM1U

The customised offer

Do you want to have other enclosures than standard? No problem. With Actassi enclosures it's possible to customize colour, accessories, specific lining etc according to your personal needs.

Two levels of customisation

At Schneider Electric we have developed two levels of customised services based on more than 50 years of experience in the market:

- > Configured offer (standard, modified)
- > Specific offer (custom-built enclosures).



We perform machining, mounting of accessories and painting.



We manufacture customised solutions with our industrial tools. Example: cut-outs made before painting.



Examples of customised solutions



Configured

Configured offer



Make your own definition based on our standard claddings.

Example: Actassi VDS enclosure in RAL 9011

Equipped with:

- Double Front door with two-points locking system. Airflow above 80 %
- Double Rear door with two-points locking system. Airflow above 80 %
- Two side-doors with locks
- Roof equipped with 6 fans and 1 brush-entry cables



Specific

Specific offer



Built exactly according to your needs

Example: Actassi VDA

One specific VDA enclosure splitted in four compartments to allocate different cabling zones to different customers.

This enclosure is delivered equipped, machined and ready to use.



Definition example

Number of	Size guide	
	Width (mm)	Depth (mm)
24	600	600
		800
		1000
29	600	600
		800
		1000
33	600	600
		800
		1000
38	600	600
		800
		1000
42	600	600
		800
		1000
47	600	600
		800
		1000

Rack elements	Framework	Side panels	Front door		
			Single (1)	Double (2)	Single door (1)
A1 PB501547 With cut-out entries	Plastic obturator B1 B2 PB501548 With louvres / Without louvres	C1 C5 PB501551 Plain	C8 PB501552 Plain	D1 D11 PB501551 Plain	
A4 PB501547 Without cut-out entries	Brush gasket B4 B5 PB501548	C2 C6 PB501553 Glazed	C7 PB501554 Glazed	D5 D12 PB501553 Glazed	
A5 PB501547 With cut-out entries on the top frame, rigidity of 500 kg	Lateral panels with louvres, thickness 50 mm B3 B6 PB501548 Brush	C9 C10 PB501555 Microperforated	C11 PB501552 Microperforated	D8 D9 PB501555 Microperforated	
A6 PB501547 Without cut-out entries on the top frame, rigidity of 500 kg	Panel lock kit D1 PB501549	Panel lock kit R1 PB501498	Door opening direction Rear / Front U1 U2	D2 PB501557 Partial with plain panel / Partial with cut-out panel	

(1) In red: doors with 2-point closure
(2) In blue: double doors with 3-point closure

S T	
1	RAL 7035
2	RAL 5015
3	RAL 3003
4	RAL 9001
5	RAL 7011
6	RAL 1021
7	RAL 9011
Other colours, consult us	

Simplified order
Tick here to show whether this is an order or a price request (estimate).

Please specify the reference number of your request.

Easy
Please specify the dimensions of the required rack.

Order Estimate

Your ref.

Configure your rack

Number of identical racks required

No.	U	Width	Depth	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z	
29		600	800					2			1	1	3	2													

Company Name
 Address Telephone
 Postcode - Town Fax
 Photocopy this form and fax it to your sales office E-mail

Smart
If your order is only for spare parts, please use the configuration sheet on page XX.

Please specify the reference of the chosen element.
Example: E2 is a roof plate with brush gasket.

Choice
Your choice of colours.
Example: grey uprights and yellow cladding.

Rack elements							
Rear		Rear panel	Roof plate	Plinth	19" upright	Escutcheon	Top blanking plate
D6 PB501552 Plain	D4 PB501558 Plain	E1 PB501559 Plain	E2 PB501560 Brush gasket	F1 PB501562 Anti-tilt	G1 PB501564 Front	H2 PB501573 Cable gland width 800 mm	J2 J1 PB501568 Plain Brush gasket
D7 PB501554 Glazed	D20 PB501485 Rear extension kit, 100 mm thick	E3 PB501561 Perforated	Q1 PB500883 Roof stand-offs	F2 PB501563 Anti-tilt	G2 PB501565 Front and rear	H3 PB501487 Of the structure	J3 J4 PB501569 3 fans 2 fans
D10 PB501552 Microperforated	Z3 PB500217 Panel earthing	M1 PB501446 Levelling feet	M2 PB501499 Anti-vibration feet	M3 PB501501 Wheels	G3 PB501566 12U partial front	K2 K1 PB501568 Brush gasket	J5 PB501570 Ventilation louvres
		M4 PB501550 Foot-wheels adaptation kit		G4 PB501567 12U partial front and rear	Partial 19" uprights	K3 PB501570 Ventilation louvres	Bottom blanking plate
						L1 PB501571 Brush gasket	Rear blanking plate
						L2 L3 PB501569 3 fans 2 fans	L4 PB501570 Ventilation louvres

Non-mounted accessories description

Non-mounted accessories description	Reference	Amount
.1U 19" front plate	NSYCRTM1U32B	2
.5U front panel	NSYCRTM5U	1
.1U fixed shelf	NSYBBF1U40	2
.2U adjustable support	NSYCRTM2US	1
.....
.....

Smart

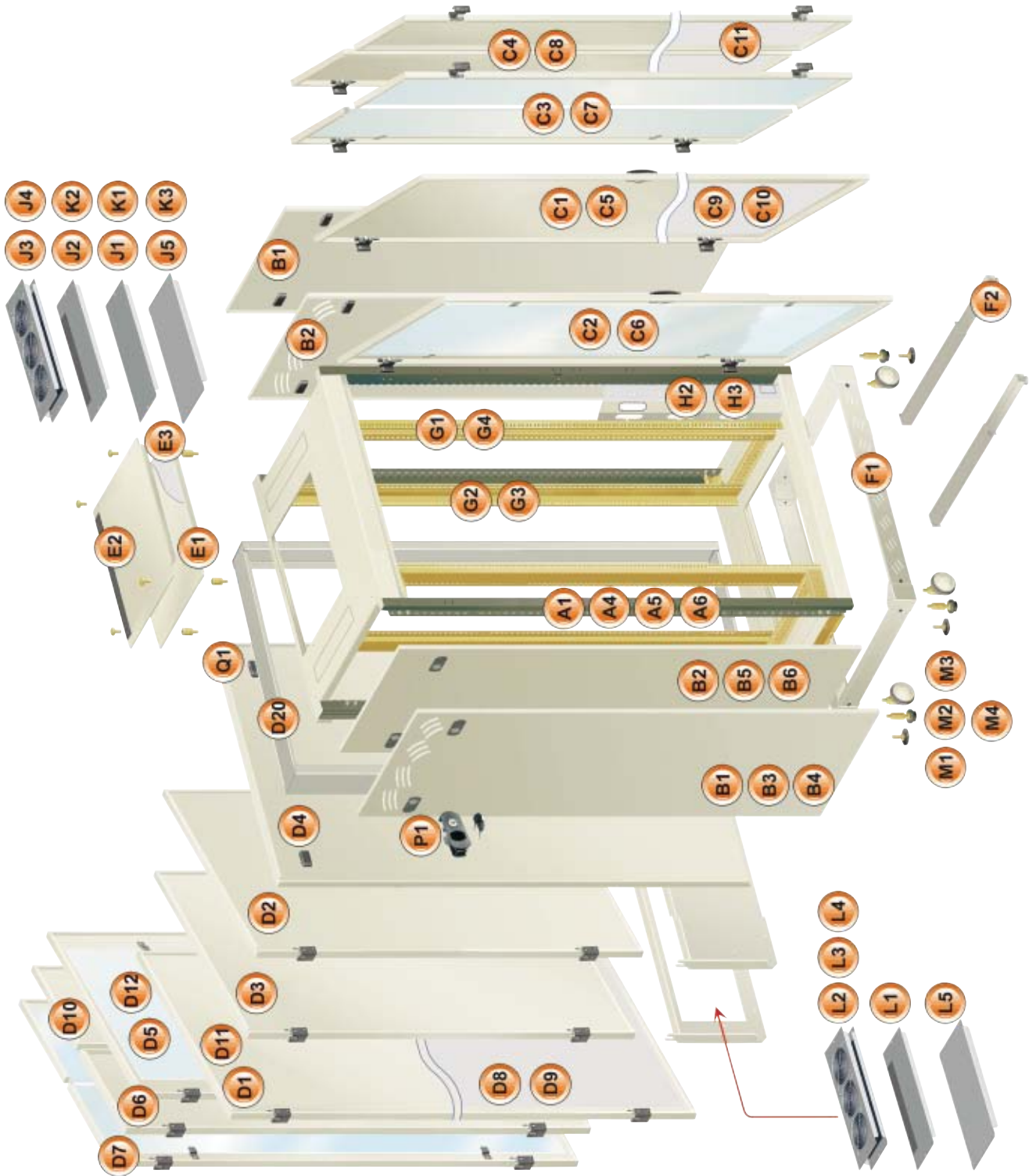
To order exactly identical racks, please specify the number of racks required. To order different racks, fill in a separate form for each type of rack.

Please specify the required rack accessories.

Practical

Choose the door opening direction.

Elements of a rack



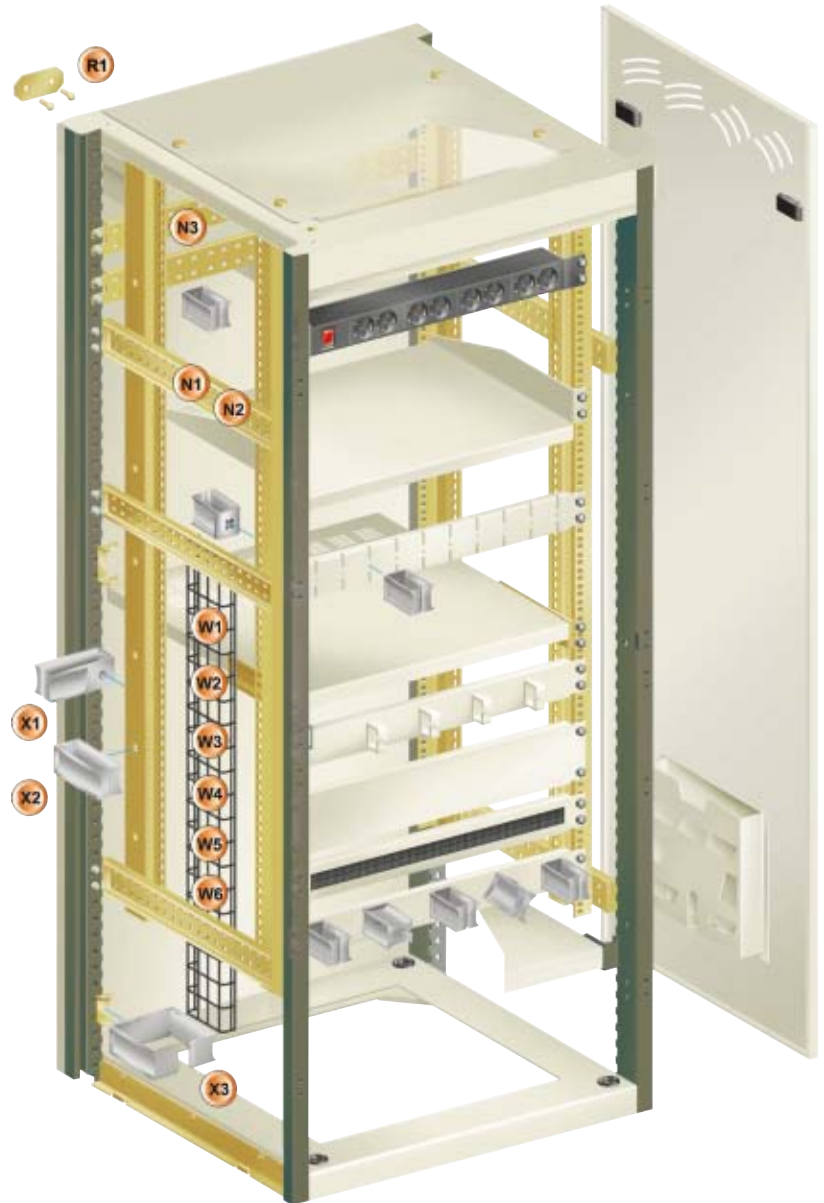
PB501422

Elements of a rack

- A Framework
- B Side panels
- C Front doors
- D Rear doors or panels
- E Plain roof plate
- F Plinths
- G 19" uprights
- H Trim strips
- J Blanking plates for the top of the rack
- K Blanking plates for the bottom of the rack (1)
- W Blanking plates for the rear of the rack (1 plate)
- M Standard levelling feet
- N Cable-support cross-rails
- D Lock kit for rear and side panels
- Q Roof stand-offs
- R Coupling kit
- S Colour of the paint on the structure uprights
- T Colour of the paint on the cladding elements
- W Steel wired cable trays
- X Cable-gland guides
- Y Earthing strips
- Z Door switch, fixings, earthing kit

(1) Number of plates

Rack depth (mm)	Number of plates at the top	Number of plates at the bottom
600	3	2
800	3	3
1000	3	3



PB501572

Cladding elements and accessories

Rack elements

- A1** Framework with knock-out entries (top frame)
- A4** Framework without knock-out entries (top frame)
- A5** Framework with knock-out entries (top frame) rigidity 500 kg
- A6** Framework without knock-out entries (top frame) rigidity 500 kg

Cladding accessories

- B1** Side panels with ventilation louvres
- B2** Side panels without ventilation louvres
- B3** Side panels, with 50 mm ventilation louvres
- B4** Side panels, with ventilation louvres and brush gasket
- B5** Side panels, without ventilation louvres and brush gasket
- B6** Side panels with 50 mm ventilation louvres and brush gasket
- R1** Coupling kit
- P1** Lock kit for rear and side panels
- C5 C1** Plain front door (1)
- C6 C2** Glazed front door (1)
- C7** Front door with double leaf, glazed (2)
- C8** Front door with double leaf, plain (2)
- C10 C9** Microperforated front door (1)
- C11** Front door with double leaf, microperforated (2)
 - H3** Structure trim strips (rack without door)
- D11 D1** Plain rear door (1)
 - D2** Partial rear door with plain 6U panel
 - D3** Partial rear door with cut-out 6U panel
 - D4** Rear panel
- D12 D5** Glazed rear door (1)
- D6** Rear door with double leaf, plain (2)
- D7** Rear door with double leaf, glazed (2)
- D9 D8** Microperforated rear door (1)
- D10** Rear door with double leaf, microperforated (2)
 - D20** Rear extension kit
 - E1** Plain roof plate
 - E2** Roof plate with brush gasket
 - E3** Perforated roof plate
 - Q1** Roof stand-offs
 - Z3** Panel earthing kit
 - S** Colour of the structure upright paint
 - T** Colour of the paint of the cladding elements

(1) Code in red: doors with 2-point closure.

(2) Code in blue: double door with 3-point closure.

Base accessories

- F1** Plinth
- F2** Anti-tilt plinth
- M1** Standard levelling feet
- M2** Anti-vibration levelling feet
- M3** Handling castors
- M4** Castor adaptation kit

Blanking plates for the top of the rack (2)

- J1** Plain blanking plate
- J2** Blanking plate with brush gasket
- J3** Blanking plate with 3 fans
- J4** Blanking plate with 2 fans
- J5** Blanking plate with ventilation louvres

Blanking plates for the bottom of the rack (2)

- K1** Plain blanking plate
- K2** Blanking plate with brush gasket
- K3** Blanking plate with ventilation louvres

Blanking plates for the rear of the rack (1 plate)

- L1** Blanking plate with brush gasket
- L2** Blanking plate with 3 fans
- L3** Blanking plate with 2 fans
- L4** Blanking plate with ventilation louvres

(2) Top frame: always 3 plates; bottom frame depth 600 mm: 2 plates; depth 800 and 1000 mm: 3 plates.

Installation accessories

- G1** Front 19" uprights and depth supports
- G2** Front/rear 19" uprights and depth supports
- G3** 12U partial 19" uprights
- G4** Front/rear 12U partial 19" uprights installed at the top
- Z2** Bag of 19" fixings (30 pieces)

Cable-management accessories

- H2** Trim strips with cable glands (rack width 800 mm)
- N1** Cable-support cross-rails on framework, on the left
- N2** Cable-support cross-rails on framework, on the right
- N3** Cable-support cross-rails on framework, on the rear
- W1** Wired cable tray, 35 mm deep, on the left
- W2** Wired cable tray, 35 mm deep, on the right
- W3** Wired cable tray, 35 mm deep, on the rear
- W4** Wired cable tray, 70 mm deep, on the left
- W5** Wired cable tray, 70 mm deep, on the right
- W6** Wired cable tray, 70 mm deep, on the rear

- X1** 40 x 60 mm guides mounted on the 19" uprights
- X2** 40 x 100 mm guides mounted on the 19" uprights
- X3** 100x 100 mm guides mounted on the 19" uprights

Complementary accessories

- Y1** Insulated earthing strip
- Y2** Non-insulated earthing strip
- Z1** Door switch
- Z2** Bag of fixings
- Z3** Panel earthing kit

Example of realisations



Colocation

Colocation 19" enclosure
Enclosure separated in 4 parts to give different access to each customer. Each hosted customer has his own secured access and cannot make some operation to the other part of the enclosure space.



ICM

Branded 19" enclosure equipped with saloon glazed doors
Enclosure totally customized with the customer requirements. 42U enclosure equipped with double glazed doors permits to open the doors when you don't have space.



Reck with ventilation

Ventilated 19" enclosure with fans mounted on the doors
Enclosure dedicated to extract a lot of heat. Mainly dedicated to server application. This configuration permits to ensure the stability of the installation



Reck 400mm

19" enclosure – Depth 400 mm
19" enclosure with a very limited depth (Depth 400 mm) for cabling application. Required by the customer to reduce the size of the installation.



PE601564

Wall-mounting enclosure – Depth 1000 mm
Enclosure totally customized with the customer requirements. 12U – Width 600 mm and Depth 1000 mm.



NATIXIS1

Racks structure merged with a middle zone cabling
Totally dedicated for cabling, this structure permits to easily manage the cables and to give the best access to install the components.

Degree of protection

Standard IEC 60364-5-51 lists and codifies a large number of external influences to which electrical installations can be subjected, including the presence of water, solid objects, shocks, vibrations, corrosive substances, etc.

IP code

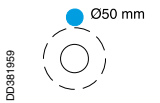
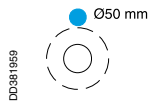
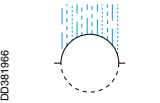

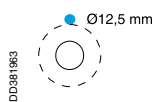

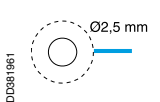
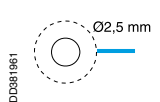
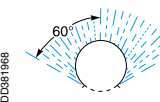
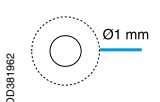
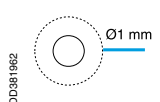
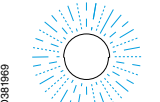
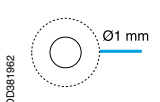
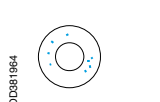
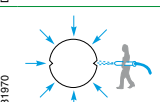
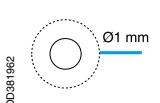
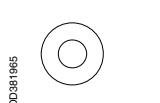
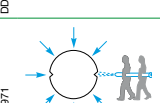

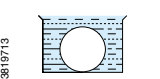
Standard IEC 60529 (IP code, February 2001) indicates the degrees of protection provided by an enclosure for electrical devices against access to hazardous parts, against penetration of solid foreign objects and against penetration of water.

These standards do not apply for the protection against the risks of explosion or conditions such a humidity, corrosive vapour, fungus or vermin.

The IP code is made up of two characteristic numerals and can include an additional letter when the actual protection for persons against access to the hazardous parts is better than that indicated by the first numeral.

The first numeral characterises the protection provided against the ingress of solid foreign objects and the protection of persons.

The second numeral characterises the protection provided against the ingress of water with harmful effects.

1 st numeral	2 nd numeral	Protection of persons	Protection against ingress of solid objects	2 nd numeral	Protection against ingress of water
1	1	Protected against access with back of hand	Protection against solid foreign objects larger than 50 mm	1	Protected against vertically dripping water (condensation)
		 Ø50 mm DD381959	 Ø50 mm DD381959		 DD381966
2	2	Protected against access with a finger	Protection against solid foreign objects larger than 12.5 mm	2	Protected against dripping water up to 15° from vertical
		 Ø12 mm DD381960	 Ø12,5 mm DD381963		 15° DD381967
3	3	Protected against access with a tool	Protection against solid foreign objects larger than 2.5 mm	3	Protected against spraying water up to 60° from vertical
		 Ø2,5 mm DD381961	 Ø2,5 mm DD381961		 60° DD381968
4	4	Protected against access with a wire	Protection against solid foreign objects larger than 1 mm	4	Protected against splashing water from all directions
		 Ø1 mm DD381962	 Ø1 mm DD381962		 DD381969
5	5	Protected against access with a wire	Protected against dust (dust protected)	5	Protected against water jets from all directions
		 Ø1 mm DD381962	 DD381964		 DD381970
6	6	Protected against access with a wire	Dust tight	6	Protected against powerful water jets from all directions
		 Ø1 mm DD381962	 DD381965		 DD381971
				7	Protected against the effects of temporary immersion in water
					 DD381972
				8	Protected against the effects of continuous immersion in water
					 DD381973

IK code

Standard IEC 62262 defines an IK code characterising the capacity of products to resist mechanical impacts from all sides.

IK code	Impact energy (joules)
01	0.14
02	0.2
03	0.35
04	0.5
05	0.7
06	1
07	2
08	5
09	10
10	20

IK codes can be selected according to the risks of impacts on a given site.

Risk	Site	Recommended IK
No risk of major impact	Technical premises	07
Significant risk of impact that can damage devices	Hallways	08 (switchboard with door)
Maximum risk of impact that can damage the switchboard	Workshops	10

NSYCRTM2US	194	NSYLAM8T5	198
NSYCRTM3U	195	NSYLAMCB	198
NSYCRTM3UD	189	NSYLAMCF	198
NSYCRTM3UDG	189	NSYLAMCS	198
NSYCRTM3UG	195	NSYLAMCU	198
NSYCRTM4U	195	NSYOPB6U4F	129
NSYCRTM5U	195	NSYOPB6U4P	128
NSYCRTM6U	195	NSYOPB6U5F	129
NSYCRTM9U	195	NSYOPB6U5P	128
NSYCRTM10U	195	NSYOPB6UF	131
NSYCRTM12U	195	NSYOPB6UTPN	128, 129, 131
NSYCRTMH1U	145	NSYOPB9U4F	129
NSYCRTMH1U9T	145	NSYOPB9U4FR	129
NSYCRTMH1U10T	145	NSYOPB9U4P	128
NSYCRTMH1U12T	145	NSYOPB9U5F	129
NSYCRTMH1UPC	145	NSYOPB9U5P	128
NSYCRTMR1U	195	NSYOPB9U6F	129
NSYCRTMR3U	195	NSYOPB9UF	131
NSYCTOPB	180	NSYOPB9UTPN	128, 129, 131
NSYCTVDA	180	NSYOPB12U4F	129
NSYCUNPL600	166	NSYOPB12U4FR	129
NSYCUNPL800	166	NSYOPB12U5F	129
NSYCUNPL1000	166	NSYOPB12U5P	128
NSYCUNVDA	166	NSYOPB12U6F	129
NSYEC300	139	NSYOPB12U6P	128
NSYEC440	173	NSYOPB12UF	131
NSYECAV300	138, 139	NSYOPB12UTPN	128, 129, 131
NSYECAV440	173	NSYOPB15U4F	129
NSYEC300	128, 129, 138, 139	NSYOPB15U5F	129
NSYEC440	173	NSYOPB15U5FR	129
NSYECPL600	174	NSYOPB15U5P	128
NSYECPL800	174	NSYOPB15U6F	129
NSYECPL1000	174	NSYOPB15U6P	128
NSYECPT300	139	NSYOPB15UF	131
NSYECS400	175	NSYOPB15UTPN	128, 129, 131
NSYECVT2V440	173	NSYOPB18U4F	129
NSYECVT3V440	173	NSYOPB18U5F	129
NSYECVT300	128, 129, 138, 139	NSYOPB18U5FR	129
NSYECVT2440	173	NSYOPB18U5P	128
NSYECVT3440	173	NSYOPB18UF	131
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