

The Actassi system

Catalogue 2026

Seamless end-to-end network connectivity



se.com

Life Is On

Schneider
Electric

Actassi puts all the differences aside!



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

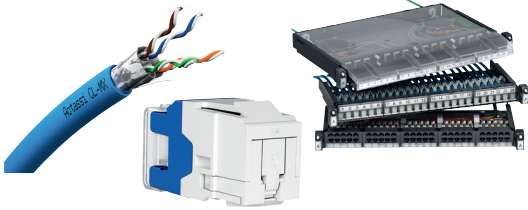
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The Actassi system

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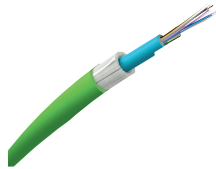
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A short Actassi summary

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, Inraplus, 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 Ed3.0 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 8-page 9.

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



Building Actassi



Environmental data to guarantee our products are compliant with International Environment Regulations & Standards (RoHS, REACH, PEP and EoLI)



Reliable cabling solution & proven technology backed by **extended system warranty**



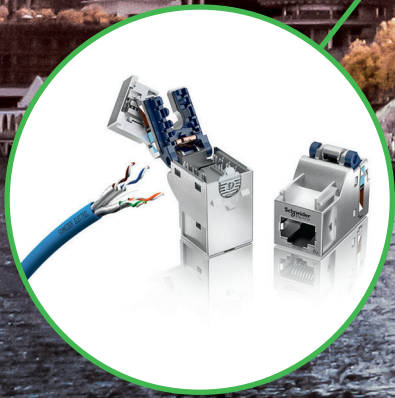
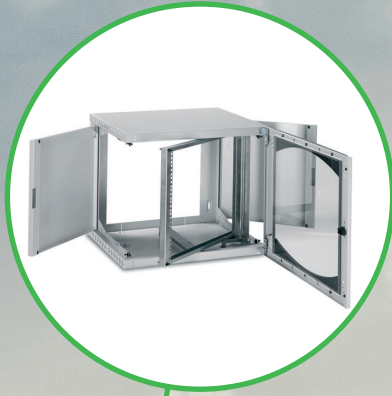
Superior connectivity with compliance of **international standards (TIA/EIA, ISO/IEC, AS/NZ)**



Apply the latest building management technologies with **proven PoE+ connectivity** to increase efficiency of power usage

Pre-term Copper solutions

Enclosures

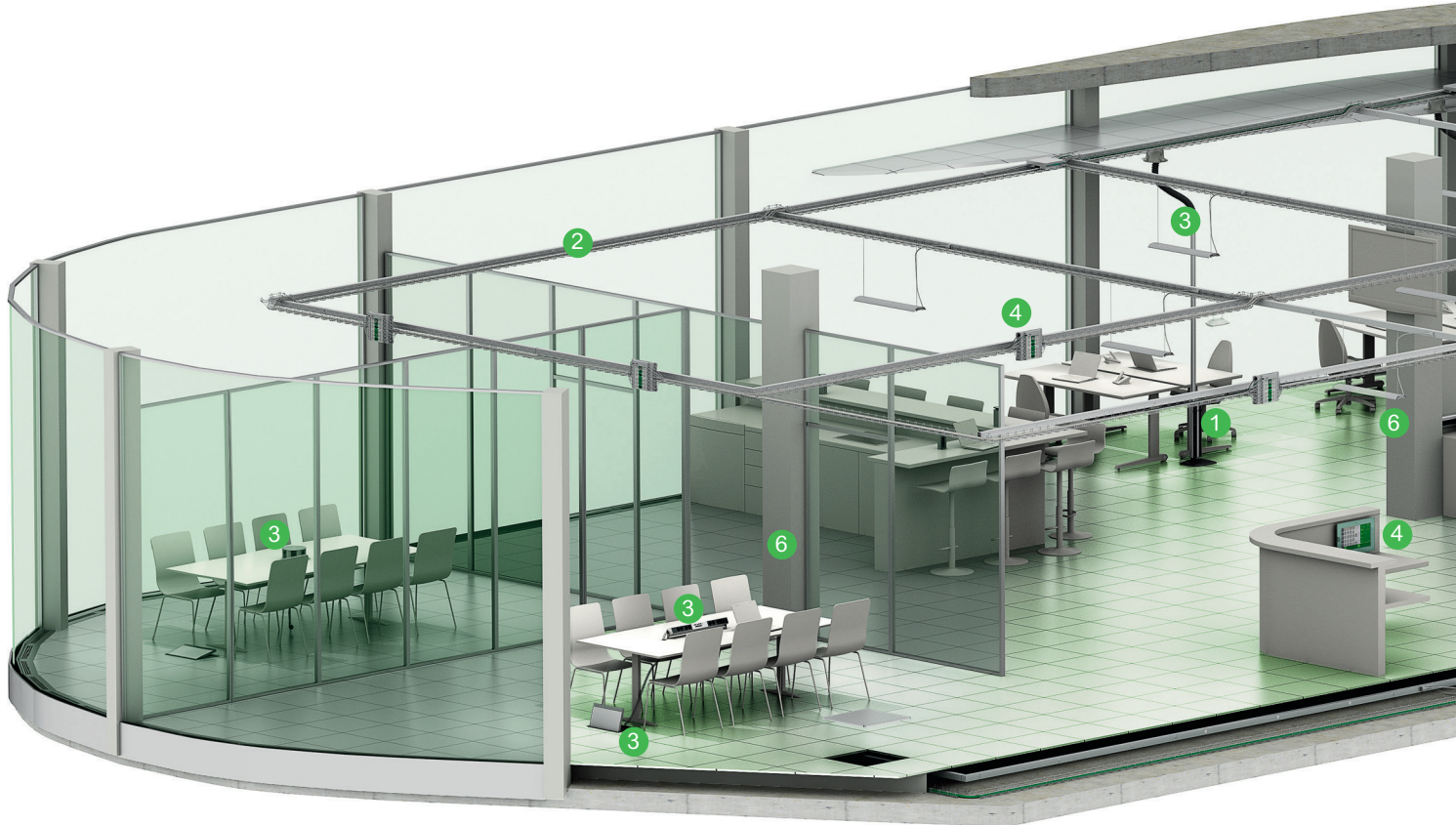


Superior cable & Connectivity



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.



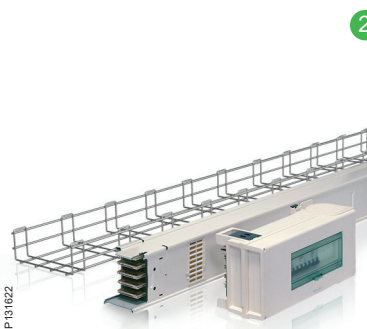
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Connectivity Actassi

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.

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Infrastructure Canalis / Performa

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

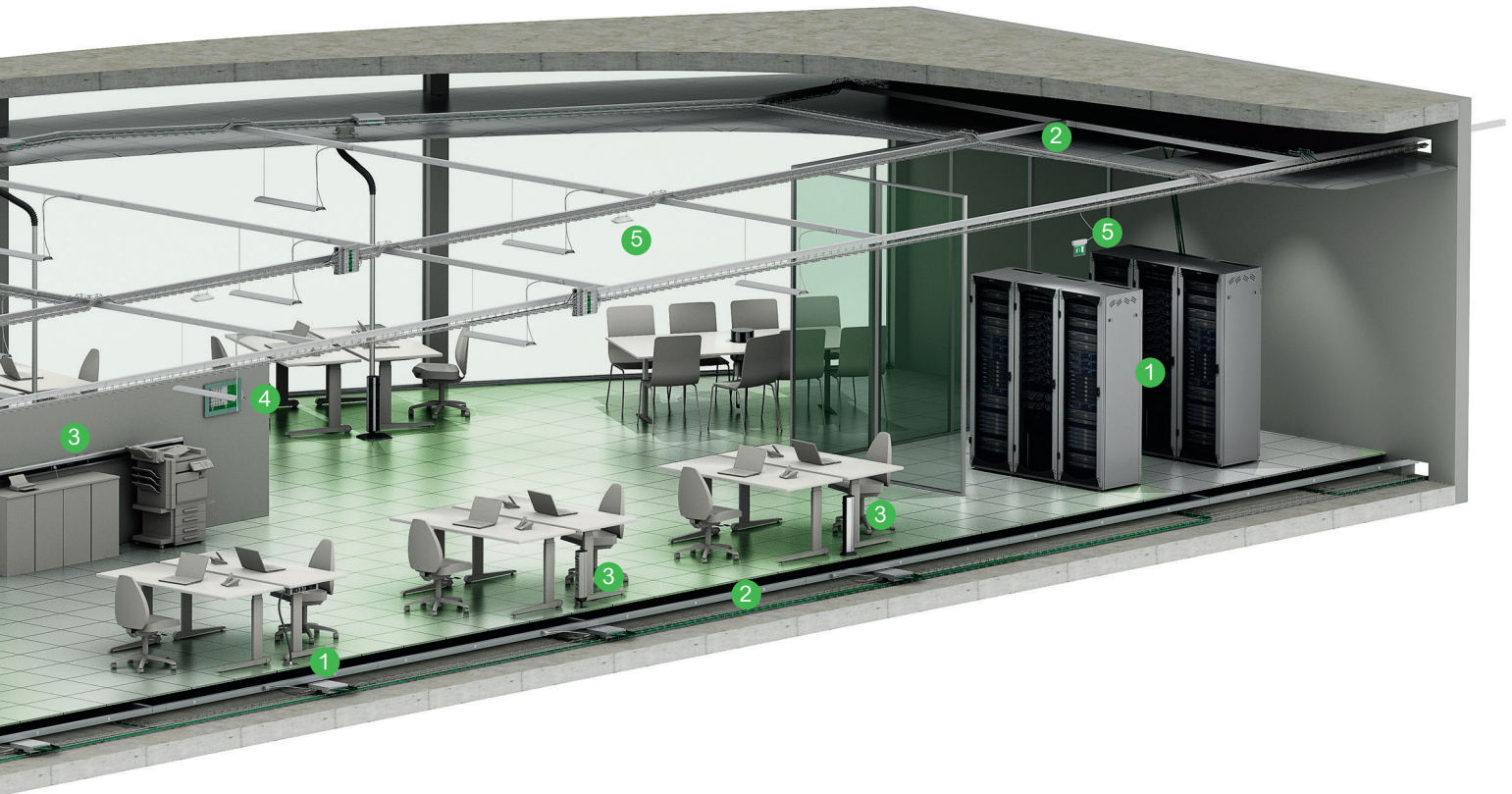
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Installation system OptiLine

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

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4



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



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



Wiring devices Altira

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

Data Center

Actassi



Future proof application
& above-the-standard
performance to maximize
the total lifecycle of
Actassi solution

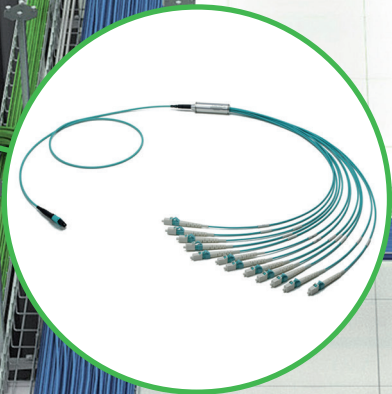
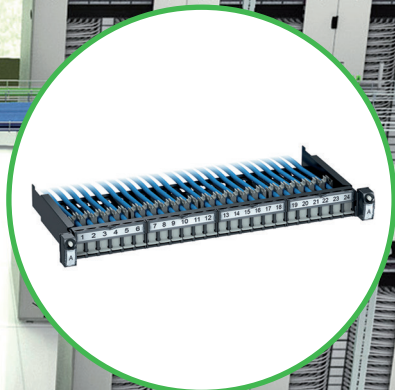


Space optimization
to maximize ROI by
utilizing the scared space
resources in data center

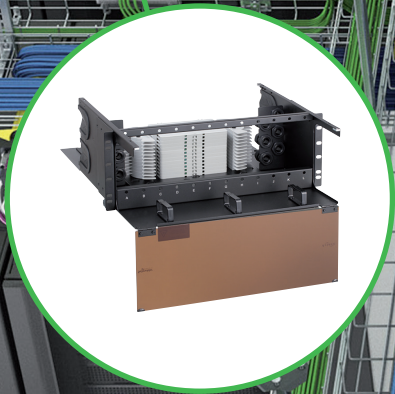


Easy deployment to
reduce the construction
time needed for new
data center

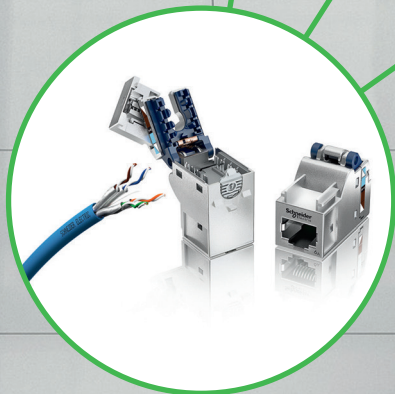
Network racks and cabinets



Future Proof connectivity



High Density Fibre Solution



Superior cable & Connectivity

Actassi network connectivity solution

Entrance Room (ER)

Actassi single-mode OS2 fibre cables for optimised cable performance in entrance room



Single-mode OS2 fibre cables

Telecommunication Room (TR)

Actassi multi-mode OM4 fibre cables for speeds beyond 40 Gigabit/s and 100 Gigabit/s



Multi-mode OM4 fibre cables

Equipment Distribution Area (EDA)

Tough Cabling for superior data transmission performance regardless of installation quality; and 10G solution for fast data transmission over extensive equipment distributions



F² cables



10G solution



ID-3TM F² patch cords

Storage area

Actassi's fibre solution for quick retrieval of storage data

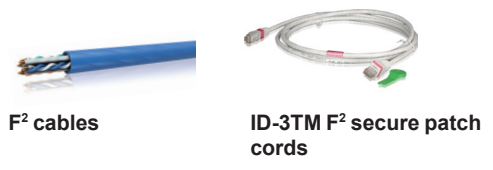


s for data centres

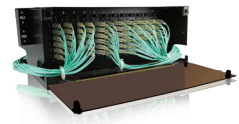
Test lab
Tough Cabling for efficient testing activities



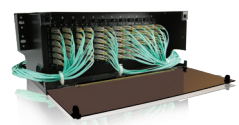
Control room
Actassi Tough Cabling for superior data transmission, and F² secure patch cords to ensure there are no unauthorised disconnections



Main Distribution Area (MDA)
Actassi MPO plug-n-play solution for high bandwidth demand, high-density reliability and scalability



Horizontal Distribution Area (HDA)
MPO plug-n-play solution for guaranteed performance; and 10G solution for fast data transmission over extensive data applications



- Backbone cabling
- Horizontal cabling

Note: Pictures for illustration only

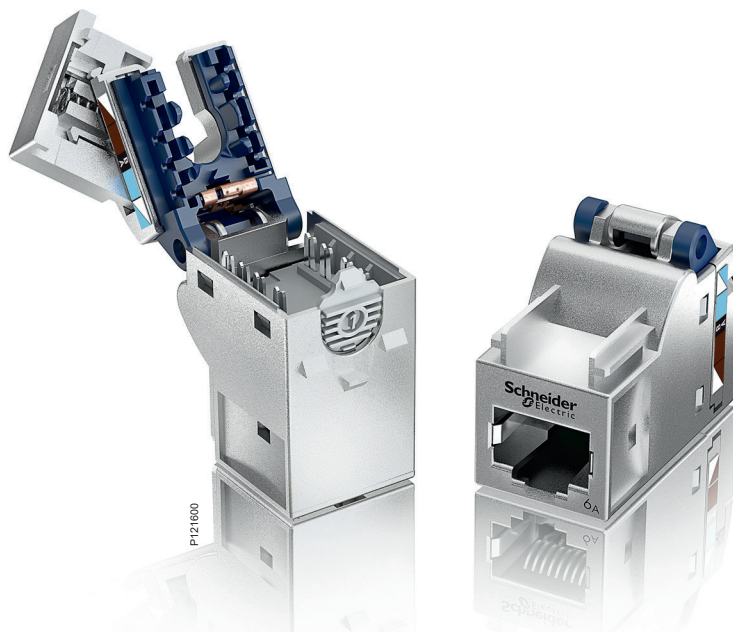
Superior usability

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 Ed3.0.



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.



Install seamless end-to-end connectivity

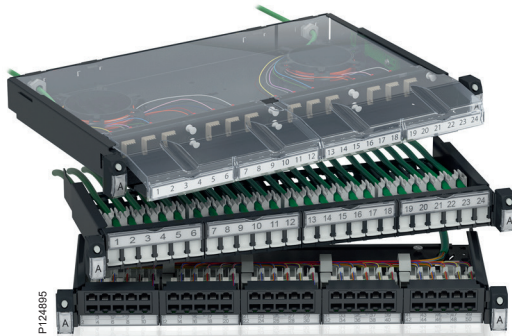
Actassi includes everything needed to install and operate network connections simply and intuitively. Technical innovations and ergonomic features exceeding the demands of end-users and installers, enhance productivity in every workplace.



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



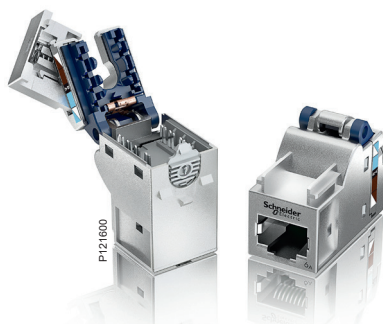
Quick Fix
Our 19" panels are all equipped with the Quick Fix function, allowing simple, firm and convenient installation and maintenance.



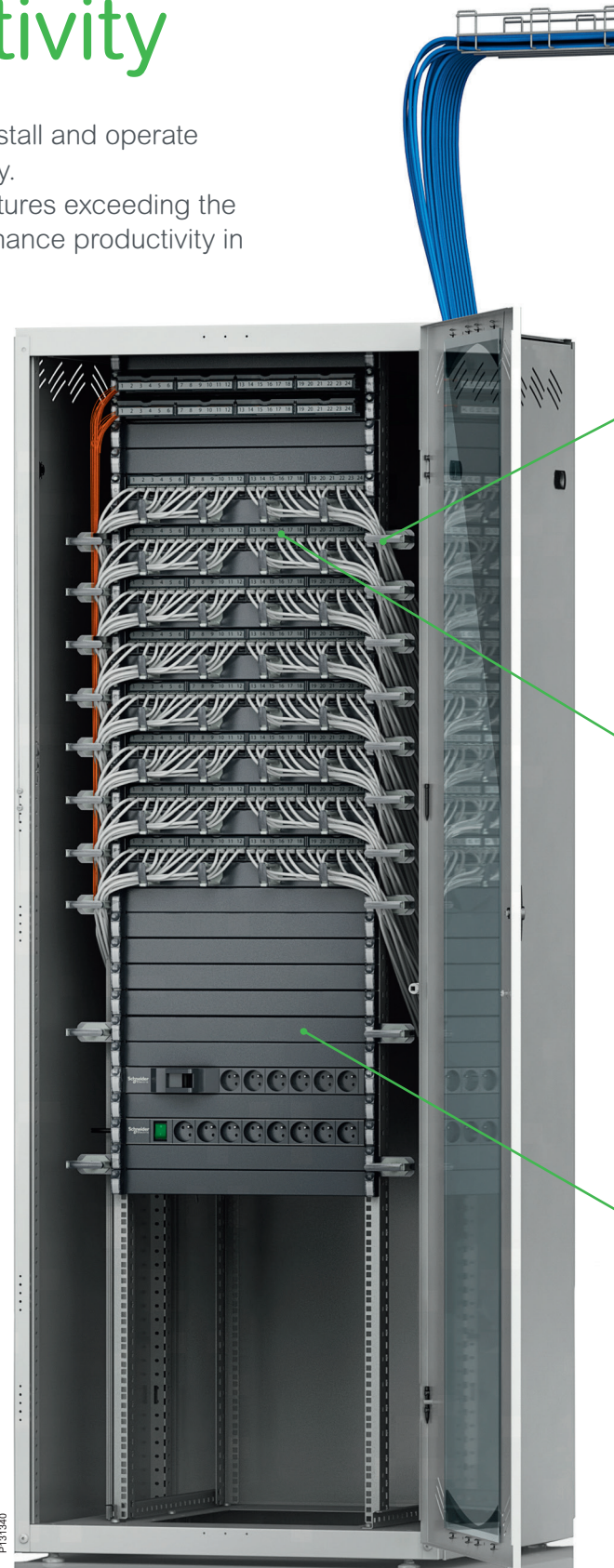
Actassi 19" Panels
Sliding function, automatic earthing, quick-release button and rear cable identification make the Actassi 19" panel a delight to install.

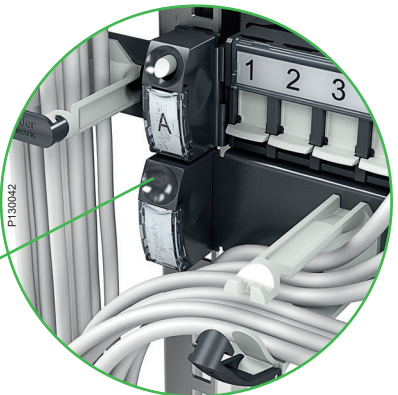


CL-MX cable
The new Actassi CL-MX cable has a patented metallic crossfiller which brings 3x shielding and superior EMC. Still it's 3 times faster to install!



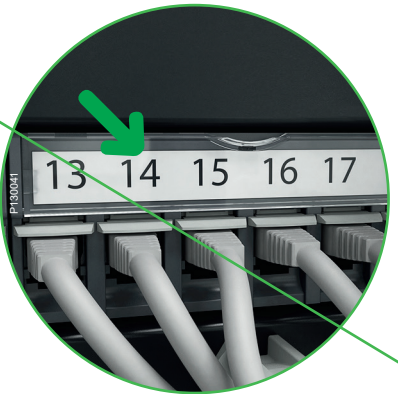
Actassi S-One – Twice as fast
The new Actassi S-One RJ45 connector, with features like the smart bridle, is up to 50 % faster to connect than most other connectors.





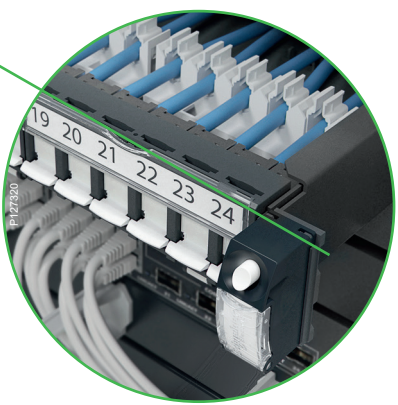
Cable management for perfectionists

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.



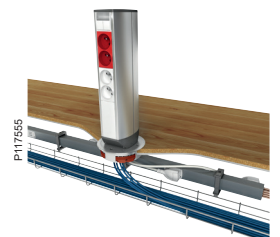
Wall installation

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.

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.

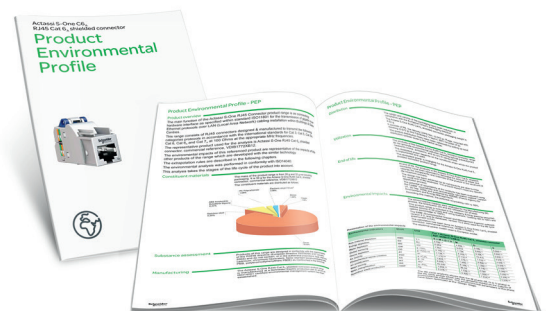
Eco-design

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.

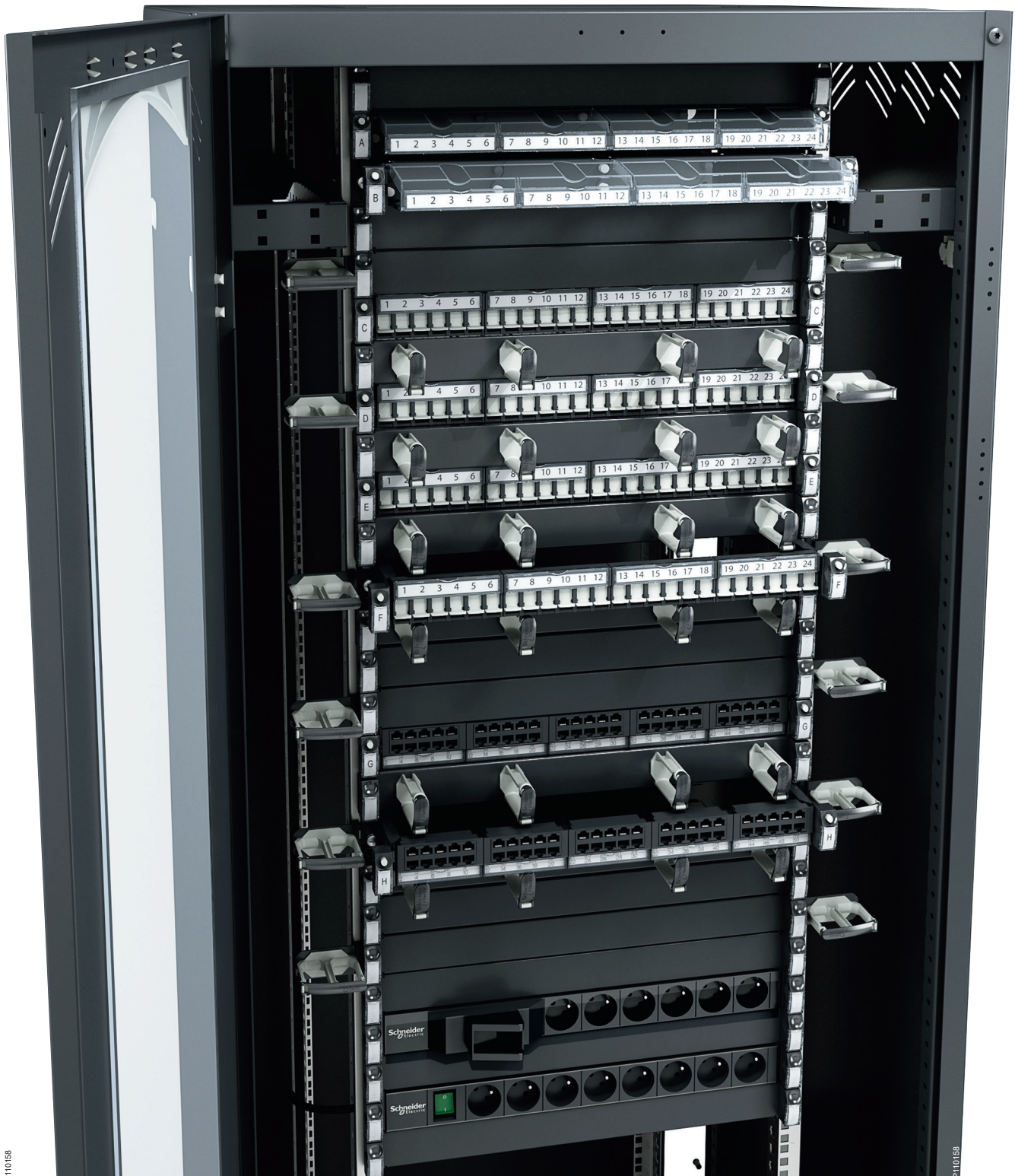


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Actassi 19" patch panels

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.



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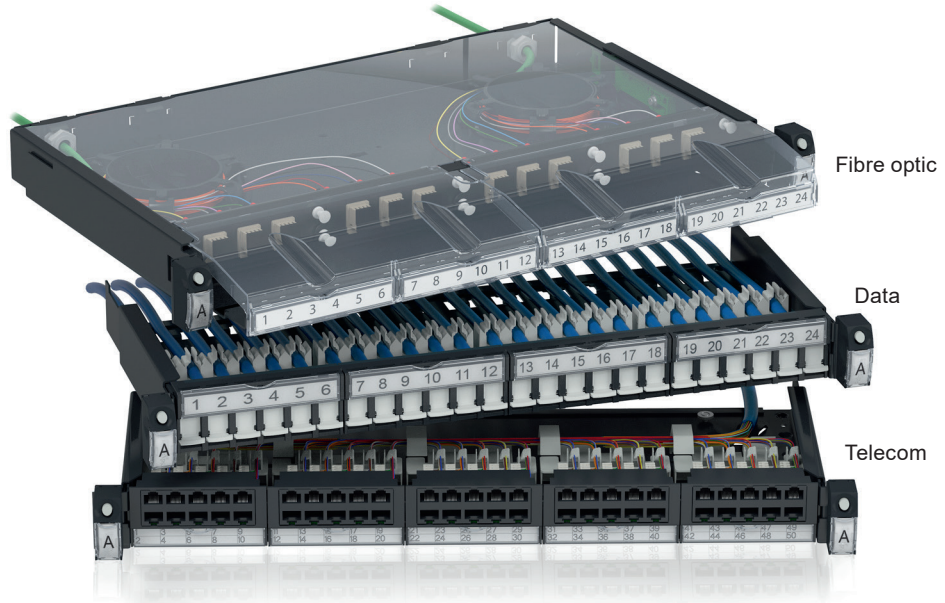
Making professional IT and network installations easy



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

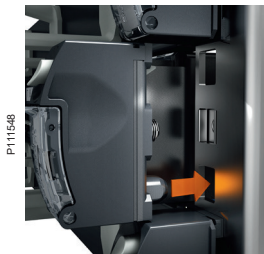
Now, furnishing or maintaining our 19" racks with panels couldn't be done easier or faster. Actassi panels are all equipped with the Quick Fix function, a mechanism mounted at each side of the 1U panel, which helps them to be quickly opened.



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.



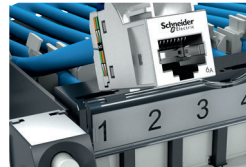
Quick Fix

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.



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.



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.



Good overview

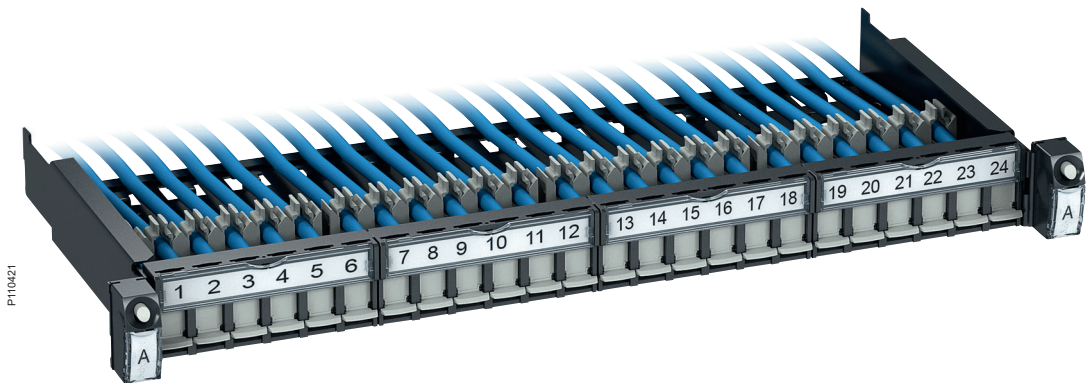
The transparent front lids and the top cover protect the patchcords and fibres, and give a clear visibility of the inside.

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.

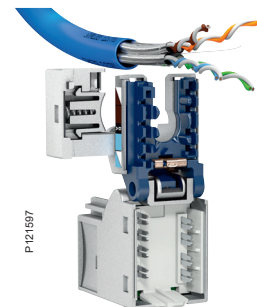


The data panel is available pre-equipped with the innovative S-One connectors.



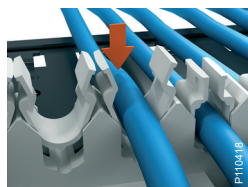
Sliding helps installation

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 Ed3.0 for Cat 6A, ensuring optimized network performance.



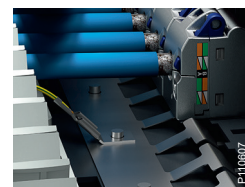
Cable management

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

1

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.



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Quick Fix function

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



P135754

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.



P135753



P135902



P135365

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.



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Connectors at an angle

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



P135366

Clear front marking

Large identification labels for easy readability from ground level.



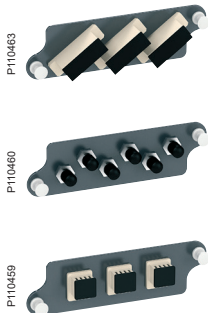
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Cable management

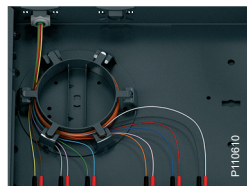
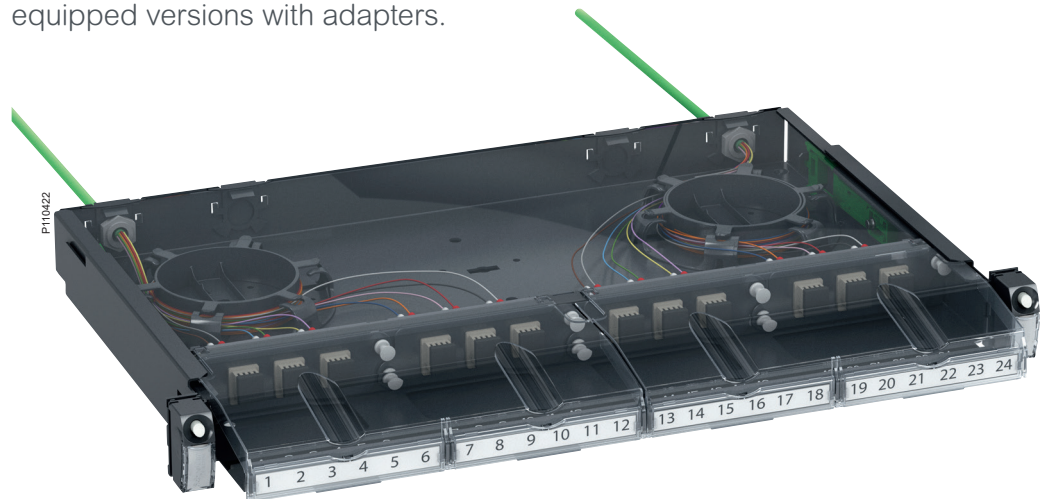
The cable manager can be folded or removed. Hooks for cable ties for extra safety.

Actassi fibre optic panels

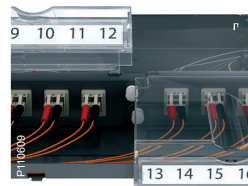
A simple all-in-one concept, pre-equipped with for example Quick Fix function, coiling wheels and cable glands. It has a capacity of 24 fibres and has transparent lids for protection and a clear visibility of the inside. Can hold up to 4 cover plates, and since it is delivered with 3 blank plates, the 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.



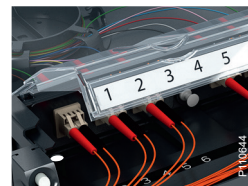
To match your fibre optic panel we have developed a range of pre-equipped cover-plates. It's a time-saving, safer and smarter way to work with your installations.



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.



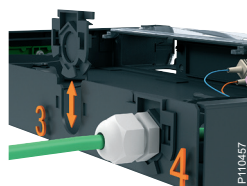
Excellent protection
The transparent covers give both protection and overview. The front covers can be opened for quick access and the top cover is easily removed.



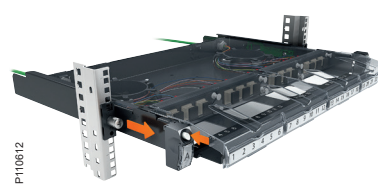
Clear marking
Since the marking is very clear, identifying the cable you are looking for will never be a problem.



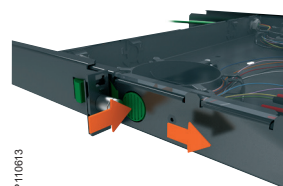
Integrated guiding panel
A patchcord guiding panel, with smoothly shaped edges to protect the cords, is integrated in the panel. So there is no need to add a separate guiding panel that would take another 1U space.



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!



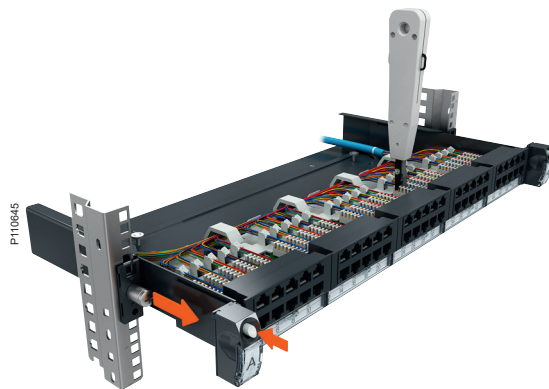
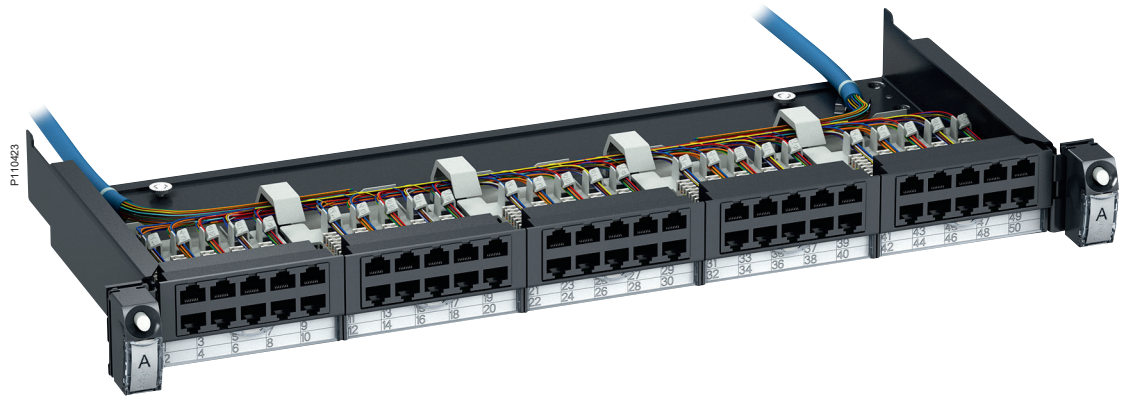
Sliding function
The panel can be slid or completely removed for a more convenient working position.



Actassi telecom panels

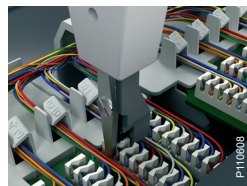
1

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.



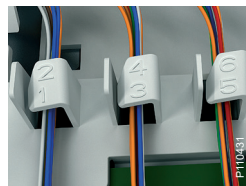
Exceptional robustness

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!



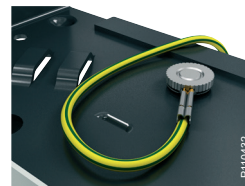
Punch down tool

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.

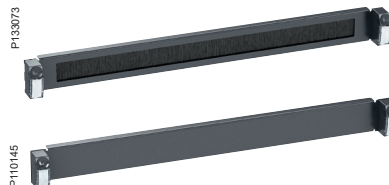
Power panels and accessories

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.



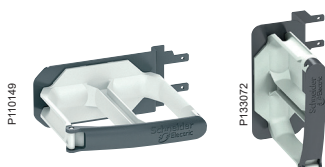
Brush and blank panel

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.



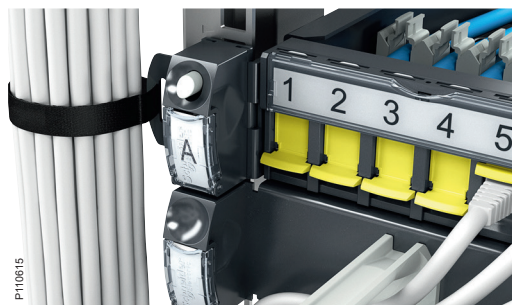
Side rings for rack 800x800

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.

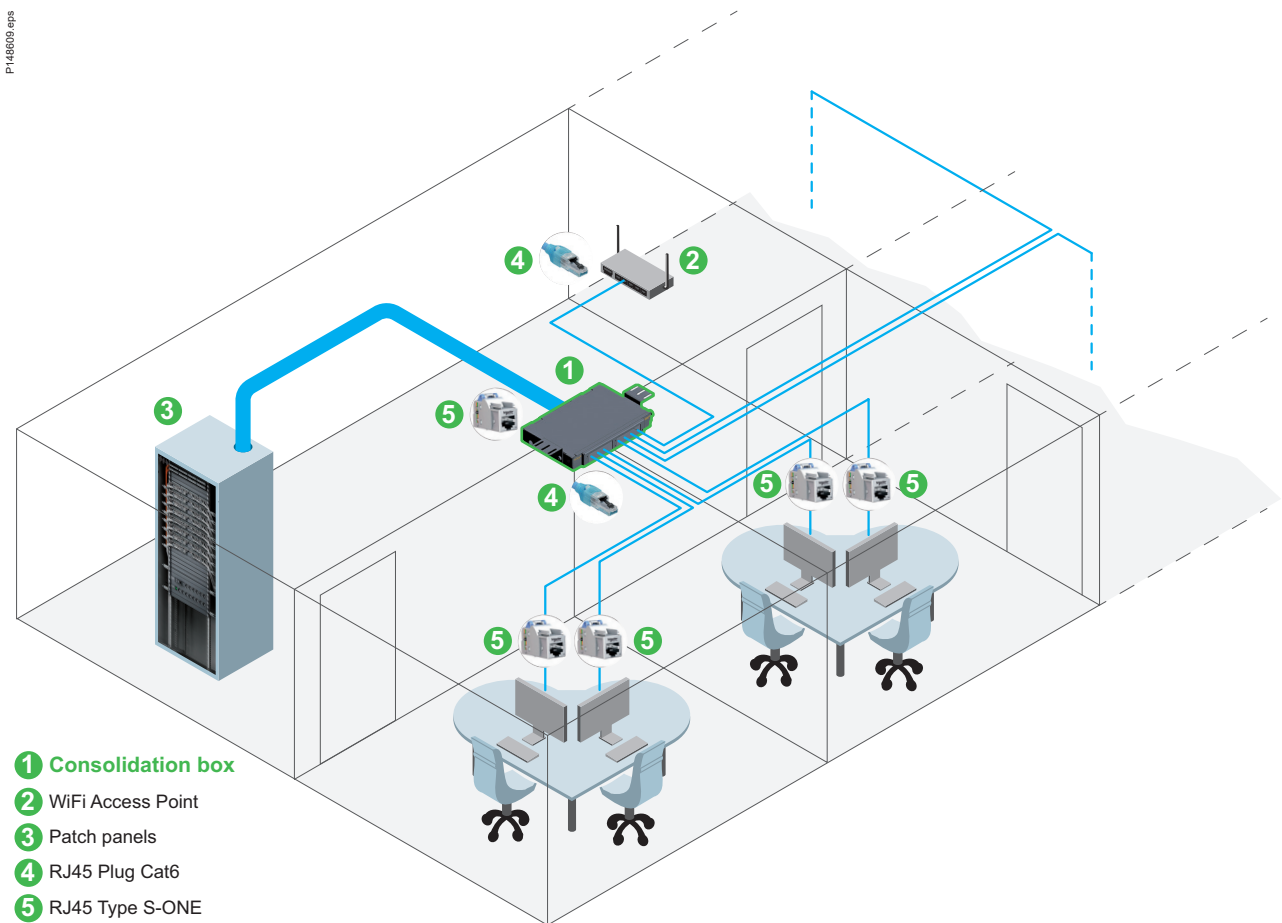


Actassi consolidation box

Cabling infrastructure installations are requested to be more flexible in order to:

Support quick reorganization of the building usage.

Simplify the deployment of new devices and applications that becomes progressively IP based.



Actassi consolidation point is this new node of cabling infrastructure. It has been developed to ease the installation either in ceiling or in technical floor with same components. It is equipped with shutter, label and label holder to be managed inside the whole installation as the other elements.

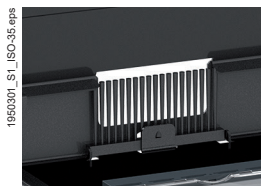
Standards have defined new topologies for distributed services in building in which the consolidation point becomes a central node and it makes the network more scalable.

Installation in cabling infrastructure are now requested to be very flexible. It must be able to support quick reorganization of the building usage and able to simplify the deployment of new devices and applications that are now IP based. Wireless access points, IP cameras, building automation control devices are now directly connected using plug terminated links. These links are connected to a consolidation point. That's why we propose a new set of consolidation box in Actassi range.

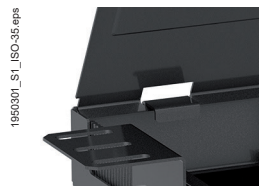


Cable management
The inside of the box is designed to enhance order. Cables of various diameters can easily be mounted and fixed on specific features.

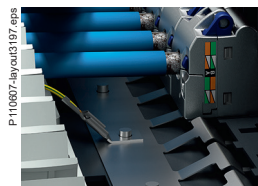
1950301_S1_USO-35.eps



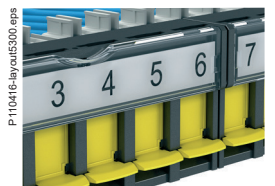
IP protection
Brush are installed on all cables entrances to protect the inside from dust.



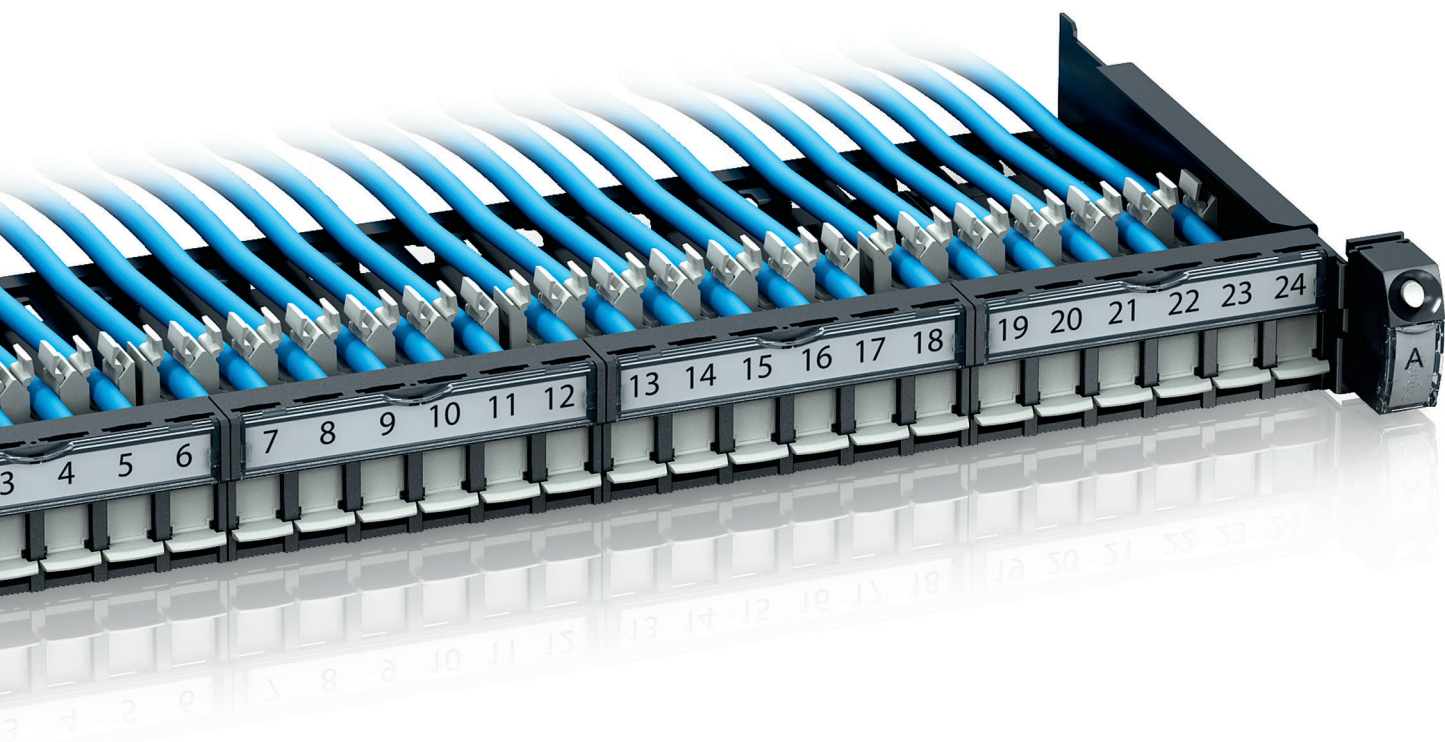
Cover
Cover is removable and can rotate. It allows an easy installation of RJ45 connected with cable inside the box.



Automatic earthing
An automatic earthing for FTP/STP versions is integrated in the consolidation box.



Clear front marking
Each consolidation box 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 position.



Actassi Copper solution

Connectors	32
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Actassi S-One RJ45 connectors



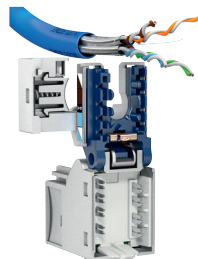
Actassi S-One with one-piece design for faster and safer installations

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 unshielded and shielded connectors of all categories.



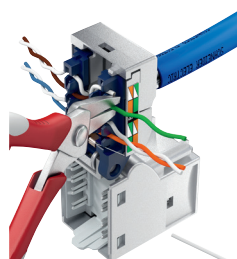
PoE++

The Actassi S-One connector is now certified and fully compliant with the PoE++ standards by Force Technology (Delta), allowing transport of up to 100 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 bridle – it will automatically lock the cable and provide 360° earthing.



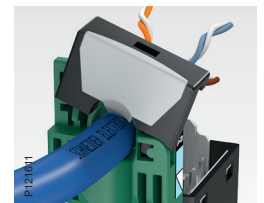
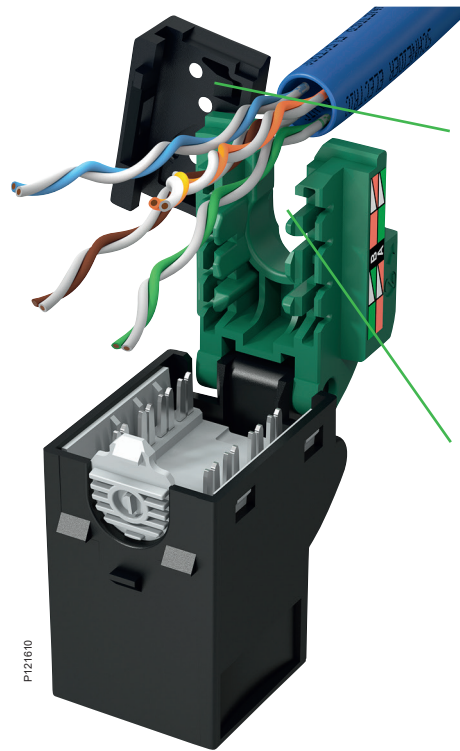
Done.

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

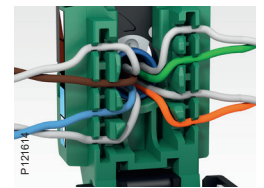
Actassi S-One benefits

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.



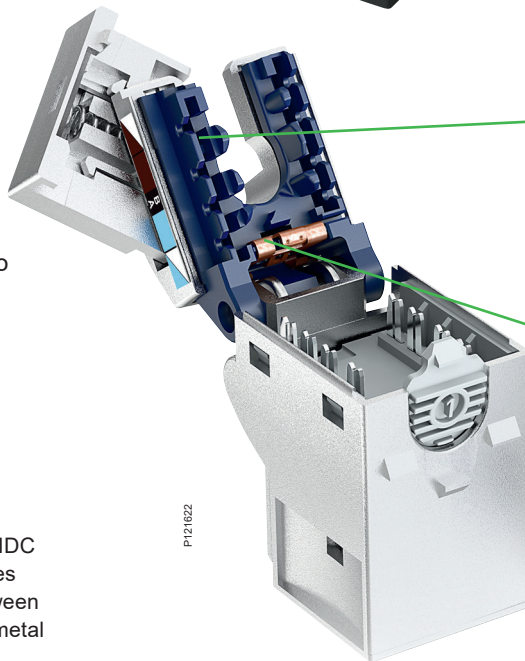
Smart bridle with elastomer insert for cable locking reduces risk of damaging cables. U-shaped cable entry. Easy access for all cables.



Central cable entry for optimized performance.

Safe and automatic 360° earthing

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



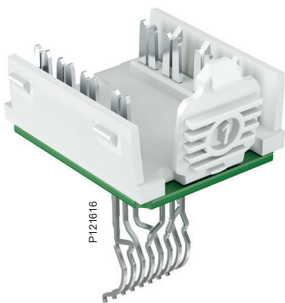
Automatic 360° earthing with spring-loaded locking and earthing bridle.



Integrated earth-drain contact provides double earthing.

Protected IDC

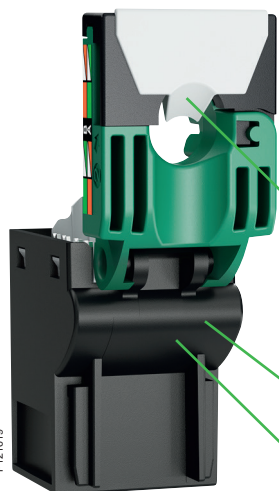
With Actassi S-One it's nearly impossible to damage cables or fingers, since the IDC is concealed in a cavity.



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.

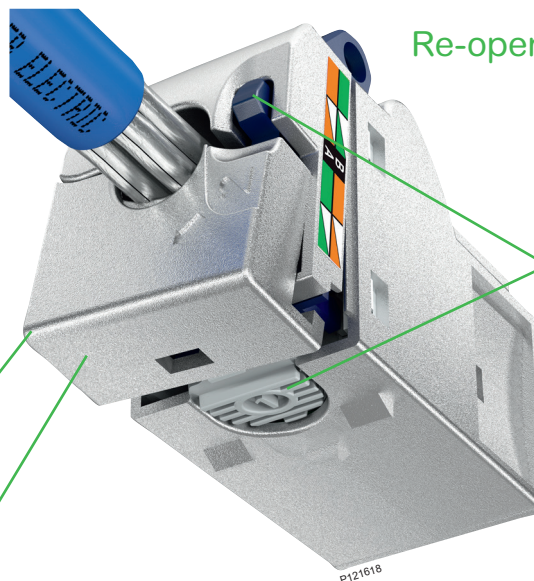
Re-open in two clicks

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 unshielded and shielded connectors are coded according to the same system. Green for Cat 5e, light blue for Cat 6 and dark blue for Cat 6A.

Practical eco-box

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

Integrated hook
for the 19" rack.



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.

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.



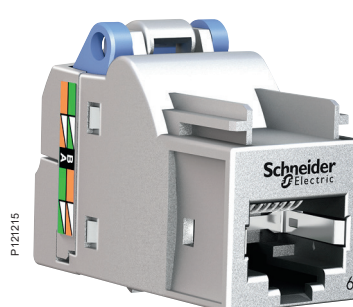
Full compliance with ISO/IEC 11801 Ed3.0

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 5e

Cat 6

Cat 6_A



P1478137, P148138

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 Ed3.0 for Cat 6_A, so you can always count on an outstanding performance and reliability.



More data available on the web.
Scan and discover.

<http://go2se.com/web/quest/landing/services/ref=VDIB1772XU12/sn=0?redirect=false>

For scanning, download the free Unitag app on unitag.io/app

- Performance categories: Cat 5e, 6 and 6_A, unshielded and shielded
- Material: unshielded in ABS plastic, shielded in zamak
- Size: height 28 mm, width 18 mm, depth 35 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0, 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
 - PoE++ (100 W) IEC 60512-099-002
- 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.
- Plugs compliant with IEC 60603-7 series to use (RJ45)

S-One C5e – Cat 5e

Description	Qty/pack	Ref. No
RJ45 Connector Cat 5e unshielded	1	VDIB17725U01
	12	VDIB17725U12
RJ45 Connector Cat 5e shielded	12	VDIB17725B12
	96	VDIB17725B96

S-One C6 – Cat 6

Description	Qty/pack	Ref. No
RJ45 Connector Cat 6 unshielded	1	VDIB17726U01
	12	VDIB17726U12
RJ45 Connector Cat 6 shielded	1	VDIB17726B01
	12	VDIB17726B12
	96	VDIB17726B96

S-One C6_A – Cat 6_A

Description	Qty/pack	Ref. No
RJ45 Connector Cat 6 _A unshielded	12	VDIB1772XU12
RJ45 Connector Cat 6 _A shielded	1	VDIB1772XB01
	12	VDIB1772XB12
	96	VDIB1772XB96



P121213



Tool kit

Description

Provide all the mandatory tools to install the system.

- 1 cable stripper
- 1 connecting tool
- 1 flat screw driver for gain adjustment
- 1 Phillips screw driver for fixing
- 1 key for F connector
- 1 cutting clamp

Type	EAN code	Ref. No
Tool kit	3606480186110	VDIR580020



Actassi S-One DPM RJ45 connectors

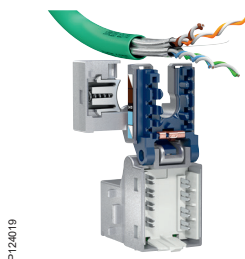


Actassi S-One DPM with one-piece design for faster and safer installations

Without any loose parts the Actassi S-One DPM 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 DPM range you'll find both unshielded and shielded connectors of all categories.

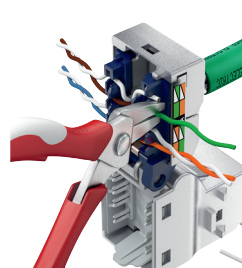


PoE++
The Actassi S-One DPM connector is now certified and fully compliant with the PoE++ standards by Force Technology (Delta), allowing transport of up to 100 W in the data cable.



Ready...

S-One DPM 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.



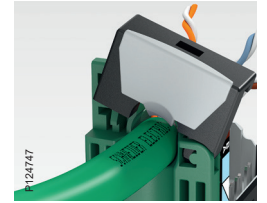
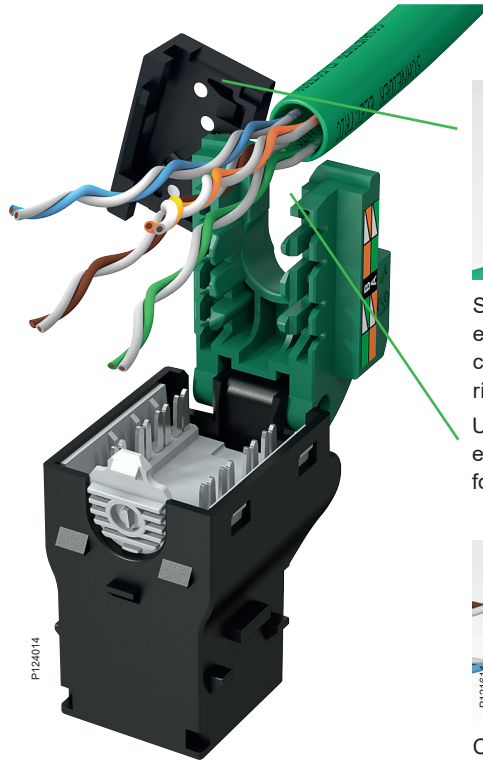
Done.

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

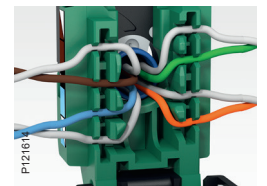
Actassi S-One DPM benefits

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.



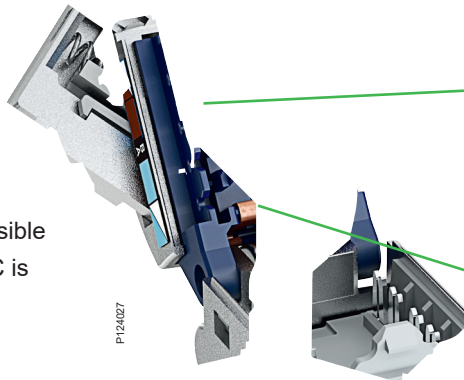
Smart bridle with elastomer insert for cable locking reduces risk of damaging cables. U-shaped cable entry. Easy access for all cables.



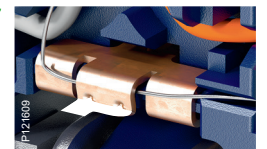
Central cable entry for optimized performance.

Safe and automatic 360° earthing

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



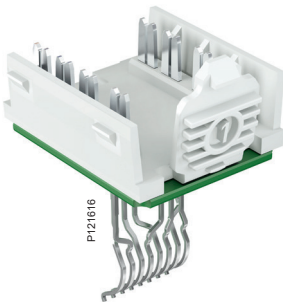
Automatic 360° earthing with spring-loaded locking and earthing bridle.



Integrated earth-drain contact provides double earthing.

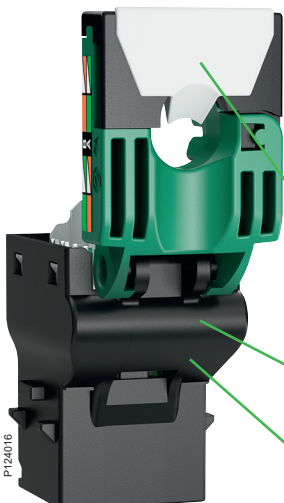
Protected IDC

With Actassi S-One DPM 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



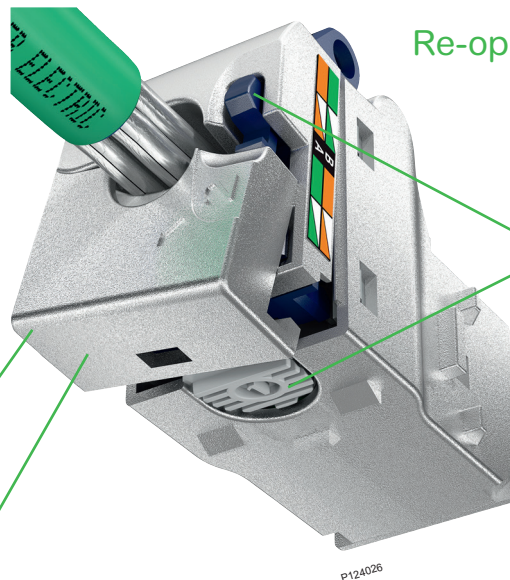
Installing shouldn't be painful! So in the Actassi S-One DPM range it isn't.

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 DPM 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 DPM is colour-coded

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

Practical eco-box

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

Integrated hook for the 19" rack.



Unshielded

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

Shielded

The shielded Actassi S-One DPM 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.



Full compliance with ISO/IEC 11801 Ed3.0

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 5e

Cat 6

Cat 6_A



2



P1478137, P148138

Every part in our Actassi range is certified to deliver what we claim they will. The Actassi S-One DPM components are produced in Europe and fully compliant with ISO/IEC 11801 Ed3.0, so you can always count on an outstanding performance and reliability.



More data available on the web.
Scan and discover.

<http://go2se.com/web/guest/landing/services/ref=VDIB1772XU12/sn=0?redirect=false>

For scanning, download the free Unitag app on unitag.io/app

- Performance categories: Cat 5e, 6 and 6_A, unshielded and shielded
- Material: unshielded in ABS plastic, shielded in zamak
- Size: height 28 mm, width 18 mm, depth 35 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0, 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
 - PoE++ (100 W) IEC 60512-099-002
- 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 C5e – Cat 5e

Description	Qty/pack	Ref. No
RJ45 Connector Cat 5e unshielded DPM	1	VDIB17715U01
	12	VDIB17715U12
	96	VDIB17715U96
RJ45 Connector Cat 5e shielded DPM	1	VDIB17715B01
	12	VDIB17715B12

S-One DPM C6 – Cat 6

Description	Qty/pack	Ref. No
RJ45 Connector Cat 6 unshielded DPM	1	VDIB17716U01
	12	VDIB17716U12
	96	VDIB17716U96
RJ45 Connector Cat 6 shielded DPM	1	VDIB17716B01
	12	VDIB17716B12
	96	VDIB17716B96

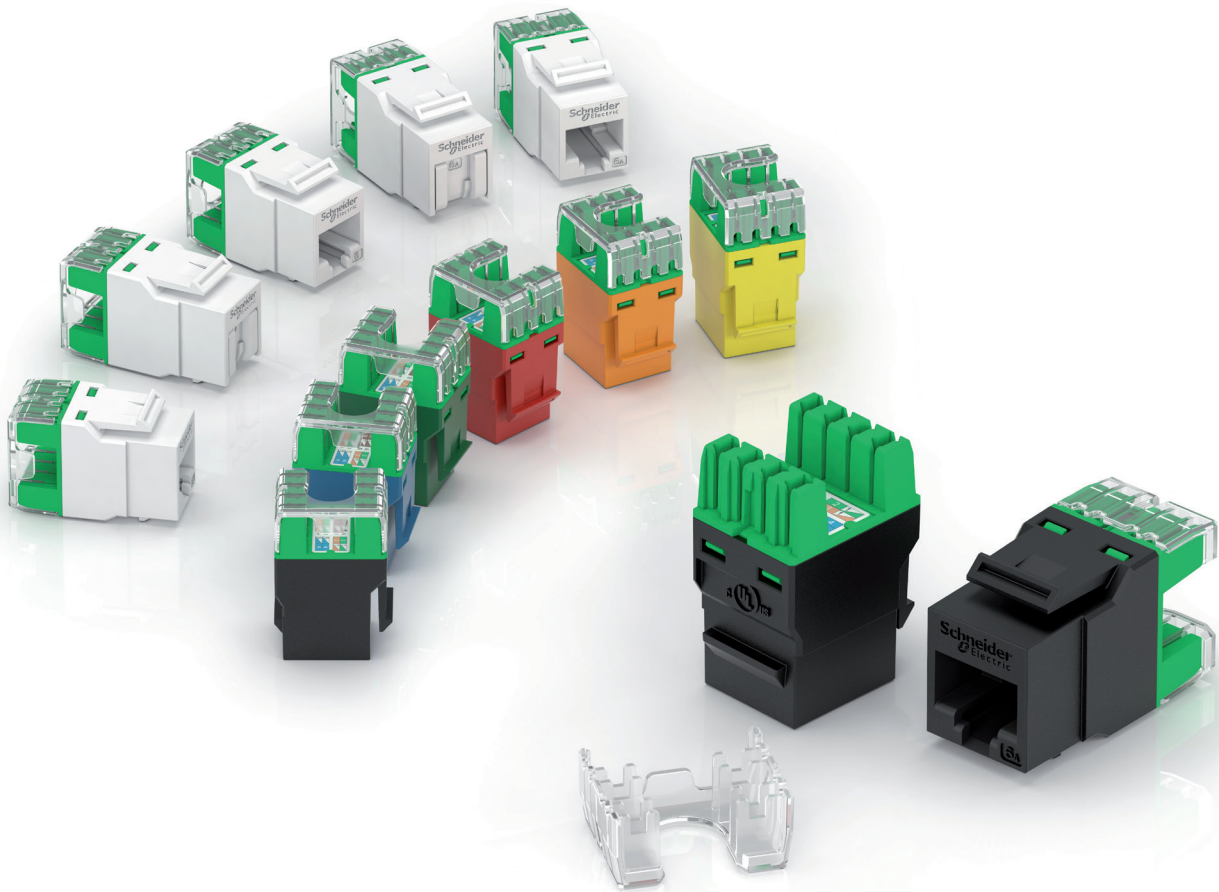
S-One DPM C6_A – Cat 6_A

Description	Qty/pack	Ref. No
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



Actassi S-110 RJ45 connectors

P148031.ctps



Actassi S-110 high-quality ranges

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 Ed3.0 and ANSI/TIA-568-C.2. It is also compliant to PoE++ (PoE 100W) IEC 60512-99-002 and is supported by 3rd party laboratory certification.

Actassi S-110 RJ45 benefits

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 Ed3.0 and ANSI/TIA-568-C.2 and is supported by FORCE Technology (Delta) certification.

U-shaped cable entry

Customer is able to do termination with cable entrance by lateral or axial access

Easy termination

Same wire map for Cat 5e + Cat 6 + Cat 6_A = less risk to make wire connection errors

Keystone footprint

RJ45 jack is able to be integrated in Actassi faceplates and 19" patch panels

Wires retention

Wires are maintained in the rear part of RJ45 during termination

Transparent IDC cap

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

Easy identification of applications

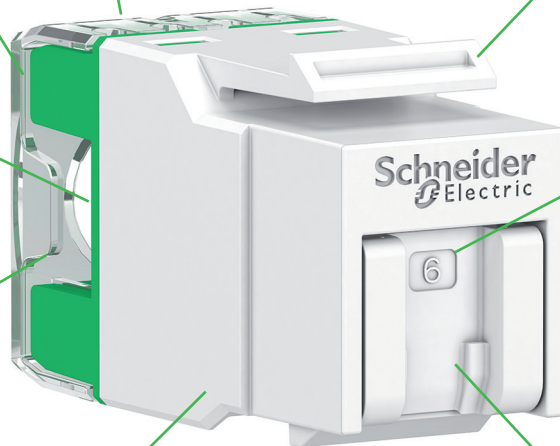
Available in several colours for easy and quick circuit/network identification and management in patch panels

Visible category

With 3 different markings it's easy to know the category just by looking the front of the connector (5e = Cat 5e, 6 = Cat 6, 6A = Cat 6_A)

Integrated automatic shutter

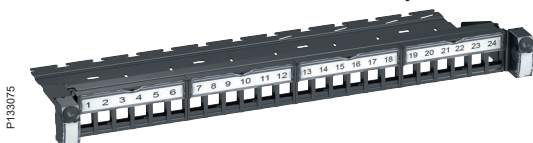
Patented automatic shutter to protect the RJ45 jack from dust and accidental insertion. Customer doesn't need to buy and install additional part to protect the RJ45 jack in 19" patch panel or in Wiring device faceplates



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 87).



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 93).



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

Actassi S-110

Industrial design

Our product design allows you to recognize the Schneider brand through the RJ45 jack aesthetic: logo, design and color. It's easy to associate it to Schneider Electric products and other ranges and is a proof of our willingness to provide you a full consistency in our offers.

Practical eco-box

- Box of 24 connectors.
- Connectors delivered in individual, Plastic bag
- Cardboard package for easy recycling.



Full compliance with ISO/IEC 11801 Ed3.0

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 5e

Cat 6

Cat 6_A



P147606



P147603



P147710



P148082



P147604



P147691

2



P1476137, P148138

Every part in our Actassi range is certified to deliver what we claim they will. The Actassi S-110 UTP components are fully compliant with ISO/IEC 11801 Ed3.0 and also ISO 60512-099-001, so you can always count on an outstanding performance and reliability.

Connectors

S-110

Category 5e unshielded



P147730

More data available on the web. Scan and discover.

www.schneider-electric.com/qr-actassi_s110_rj45_connector

For scanning, download the free Unitag app on unitag.io/app

- Performance category: Cat 5e unshielded
- Material: PC-ABS plastic for UTP.
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0
 - ANSI/TIA-568-C.2
 - IEC 60603-7-2 Cat 5e connecting hardware
- Keystone footprint
- Punch-down IDC termination
- Operational temperature range: -10°C to 60°C
- Can be terminated with Actassi punch down tool and with Actassi quick termination tool
- Delivered in individual bags with cabling instructions.

S-110 Keystone unshielded Cat 5e

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45 keystone unshielded, black	1	VDIB17365UBK
Connector RJ45 keystone unshielded, white	1	VDIB17365UWE



P147877



P147896

Connectors

S-110

Category 6 unshielded



P147730

More data available on the web. Scan and discover.

www.schneider-electric.com/qr-actassi_s110_rj45_connector

For scanning, download the free Unitag app on unitag.io/app

- Performance categories: Cat 6, unshielded
- Component certified by 3rd party laboratory
- Material: ABS plastic
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0
 - ANSI/TIA-568-C.2
 - IEC 60603-7-4 Cat 6 connecting hardware
 - PoE++ (100 W) IEC 60512-099-002
- Keystone footprint
- Punch-down IDC termination tool
- Patented shutter
- Available in various colours
- Operational temperature range: -10°C to 60°C
- Individual bag with cabling instructions
- Can be terminated with Actassi punch down tool and with Actassi quick termination tool.

S-110 Keystone unshielded Cat 6

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45, keystone unshielded black	1	VDIB17366UBK
Connector RJ45, keystone unshielded soft grey	1	VDIB17366USG
Connector RJ45, keystone unshielded white	1	VDIB17366UWE

With shutter		
Connector RJ45, keystone unshielded shutter white	1	VDIB17346UWE

S-110 40 M Unshielded Cat 6

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45 40 M, unshielded translucent	1	VDIB17386UTN



P147687



P147702



P147684



P147712

Connectors

S-110

Category 6_A unshielded



More data available on the web. Scan and discover.

www.schneider-electric.com/qr-actassi_s110_rj45_connector

For scanning, download the free Unitag app on unitag.io/app

- Performance categories: Cat 6_A, unshielded
- Component certified by 3rd party laboratory
- Material: ABS plastic
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0
 - ANSI/TIA-568-C.2
 - IEC 60603-7-4-1 Cat 6_A connecting hardware
 - PoE++ (100 W) IEC 60512-099-002
- Keystone footprint
- Punch-down IDC termination tool
- Patented shutter
- Available in various colours
- Operational temperature range: -10°C to 60°C
- Individual bag with cabling instructions
- Can be terminated with Actassi punch down tool and with Actassi quick termination tool.

S-110 Keystone unshielded Cat 6_A

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45, keystone unshielded black	1	VDIB1736XUBK
Connector RJ45, keystone unshielded white	1	VDIB1736XUWE



S-110 40 M Unshielded Cat 6_A

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45 40 M, unshielded translucent	1	VDIB1738XUTN



Connectors

S-110

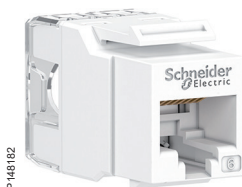
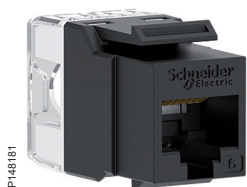
Category 6 unshielded

- Material: PC-ABS plastic for UTP
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0
 - ANSI/TIA-568-C.2
 - IEC 60603-7-2 Cat5e connecting hardware
 - IEC 60603-7-4 Cat6 connecting hardware
- Compatible with 22-25 AWG
- Keystone footprint
- Punch-down IDC termination
- Operational temperature range: -10°C to 60°C
- Can be terminated with Actassi punch down tool and with Actassi quick termination tool
- Delivered in carton box of 24 RJ45.



S-110 Keystone unshielded Cat 6

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45 keystone unshielded, black	1	VDIEB17266UBK
Connector RJ45 keystone unshielded, white		VDIEB17266UWE



Connectors

S-110

Category 6, Category 6_A, shielded

- Performance categories: Cat 6 and Cat 6_A, shielded
- Component certified by 3rd party laboratory
- Material: zamak
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards:
 - ISO/IEC 11801 Ed3.0
 - ANSI/TIA-568-C.2
 - IEC 60603-7-2 Cat 5e connecting hardware
 - IEC 60603-7-4 Cat 6 connecting hardware
 - IEC 60603-7-4-1 Cat 6_A connecting hardware
 - POE+ (30 W) ISO 60512-099-001
- Keystone footprint
- Operational temperature range: -10°C to 60°C
- Individual bag with cabling instructions.

S-110 Keystone shielded Cat 6

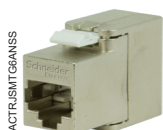
Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45, keystone shielded, patch panel version	1	ACTRJSM6NSSP



ACTRJSM6NSSP

S-110 Keystone shielded Cat 6_A

Description	Qty/pack	Ref. No
Without shutter		
Connector RJ45, keystone shielded,	1	ACTRJSMTG6ANSS
Connector RJ45, keystone shielded, patch panel version	1	ACTRJSMTG6ANSSP



ACTRJSMTG6ANSS



https://www.youtube.com/watch?v=3K7V_OJqAYE

For scanning, download the free Unitag app on unitag.io/app

Quick termination punchdown tool

(compatible with new unshielded S-110 Cat 5e, Cat 6 and Cat 6_A)

- Fast and easy field installation tool with simple squeeze handle
- Handle lock design
- 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.



P147716

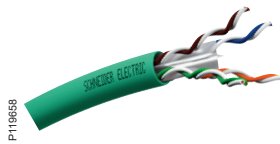
Description	Qty/pack	Ref. No
Quick termination punchdown tool	1	VDIB2736



Actassi copper cables

This page must be checked by each country. Should contain some regional offer.

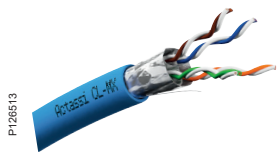
Three ranges that cover all needs



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. Full FORCE Technology (Delta) certification for components.



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 20 dB on NEXT. Full FORCE Technology (Delta) certification for components.

Actassi offer overview

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

* Available with PVC or D_{CA} (LSZH) material.
** Available with D_{CA} (LSZH) or C_{CA} (LSFRZH) (D_{CA} (LSZH) + improved Fire Resistance) material.

Cable standardisation

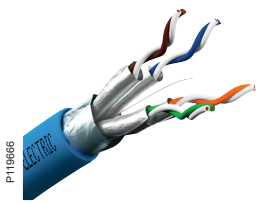
X/X TP

- TP= Twisted Pair
- F= Foil screened, U=Unscreened
- F=Foil screened, S=Braid screened, SF=Braid & Foil screened, U=Unscreened

Actassi copper cables

This page must be checked by each country. Should contain some regional offer.

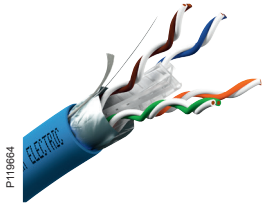
Some important advantages



P119666

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

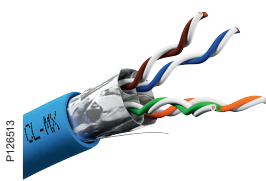
For the whole offer, the conducting side of the shield is turned outwards. Thus, there is no need to turn the shield inside out before applying the connector to have a good conductivity. You will gain time during installation, there will be no destruction of the shield and you will get very good shielding.



P119664

CL-MNC crossfiller with optimized design and micro-blades

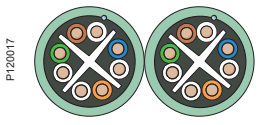
With an optimized design and specific micro-blades, you will have better performances in NEXT and ELFEXT, and a better resistance to the mechanical constraints.



P126513

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.



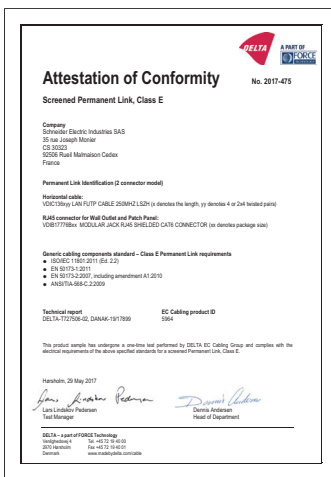
P120017

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 FORCE Technology (Delta). Certificates are regularly updated to be compliant to the latest and highest international standards.

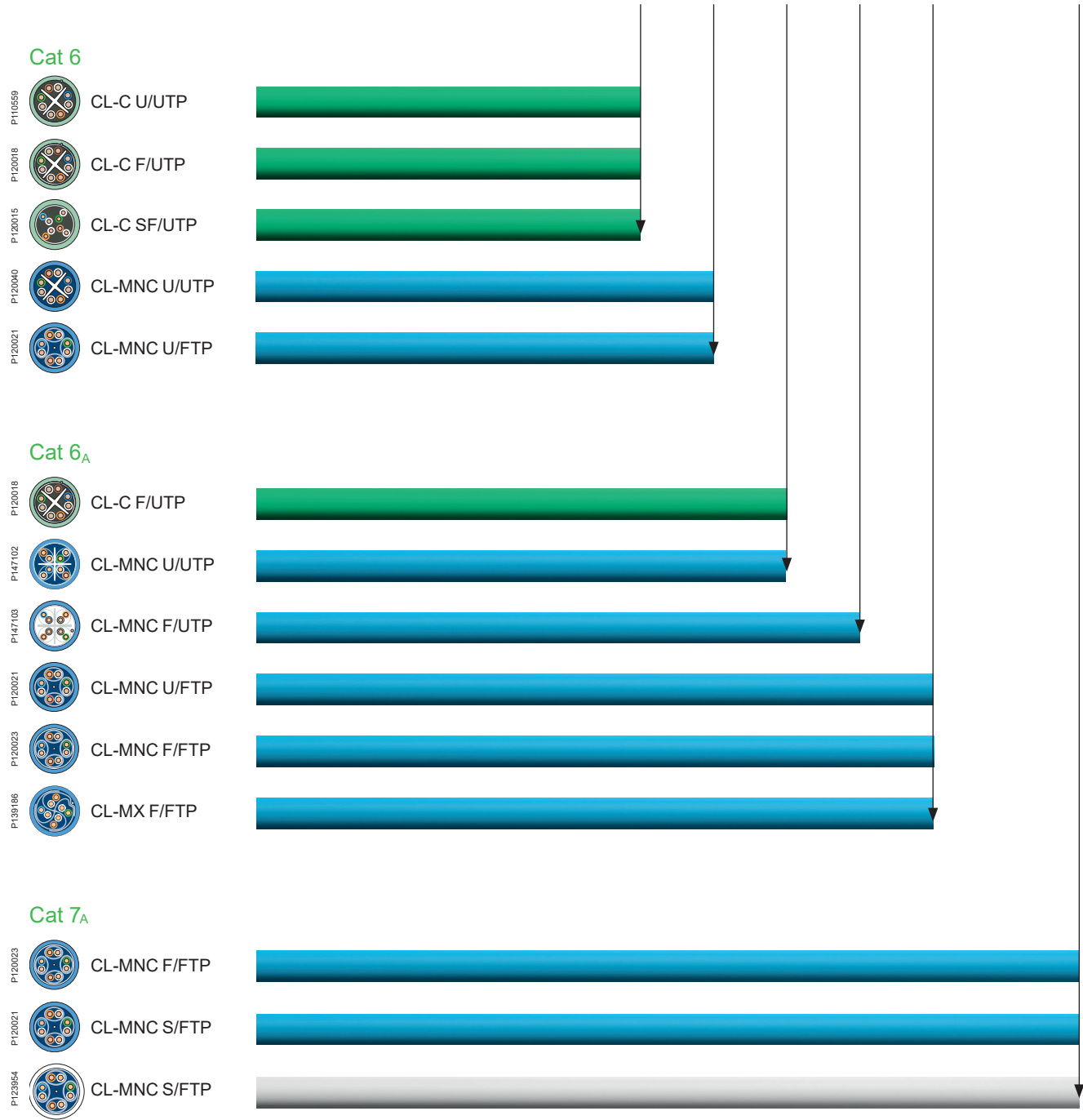


P1478137.P148138

This page must be checked by each country. Should contain some regional offer.

Performances

Frequency (MHz)	250		500			1000
Attenuation (dB)*	33	33	45.3	45.5	45.3	61.9
NEXT (dB)*	39.3	42.3	34.8	37.8	54.8	60.4
ACR-F (dB)*	20	23	14	17	24	35.3
Propagation speed (%c)	66	66	70	70	82	78



* Guaranteed 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.

New Construction Product Regulation CPR Euroclass

The purpose of this new regulation is to increase security for people and goods inside buildings.

All the communication cables as LAN copper cables or fibre optic permanently installed in buildings sold on the European countries after July 1st 2017 must comply to EN 50575 and new CPR. This new regulation defines a common methodology to evaluate fire performances and ensure the harmonisation of the law at EU level.

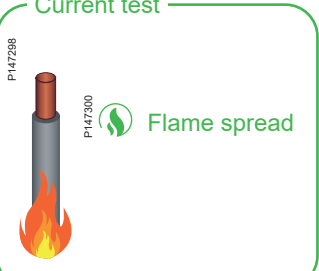
All cables will need to be tested, classified and CE marked per the new CPR mandate. Indication of Euroclass level will be mandatory on the packaging label, a declaration of performance is compulsory for each product, available on SE.com website.

Schneider Electric has a comprehensive range of cables available to support these requirements

Euroclass classification




Current test



Flame spread

New requirements



- Flame spread
- Heat release
- Smoke production
- Flaming droplets
- Acidity

Euroclass
is based on

5

tests

Make the good choice...

Make your choice and advise customers according to:

- Material standard
- Typology of the building
- Typology of people inside the building
- Accessibility of the building
- Cost of the goods to be replaced (check the typology of the installation)

Schneider Electric recommendations

- Promote only Cables and optic fibres **D_{CA}** and **C_{CA}**
- Promote **C_{CA}** Euroclass when risk is high (hospital, high building...)

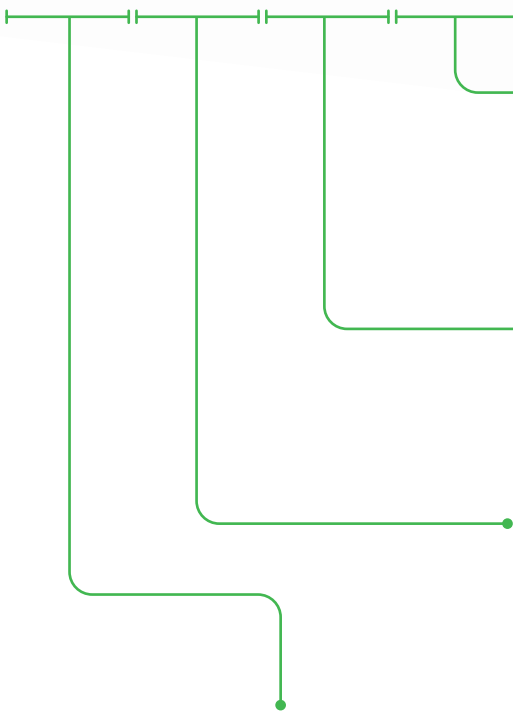




Each cable is certified by an accredited laboratory
The certification is proof of performance.
To know more about CPR : [link to standard](#)



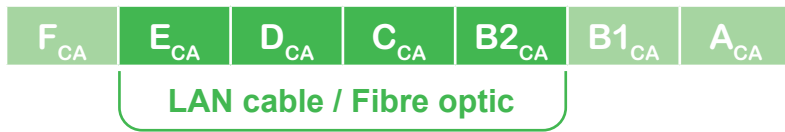
Example



a Acidity	
a ₁	Conductivity < 2.5 micro S/mm and pH > 4.3
a ₂	Conductivity < 10 micro S/mm and pH > 4.3
a ₃	No performance determined

d Flaming droplets	
d ₀	No flaming droplets within 1200 s
d ₁	No flaming droplets within persisting longer than 10 s
d ₂	No performance determined

s Smoke	
s ₁	TSP1200 ≤ 50 m ² and Peak SPR ≤ 0.25 m ² /S s _{1a} = s ₁ and transmittance in accordance with EN 61034-2 ≥ 80 % s _{1b} = s ₁ and transmittance in accordance with EN 61034-2 ≥ 60 % < 80 %
s ₂	TSP1200 ≤ 400 m ² and Peak SPR ≤ 1.5 m ² /S
s ₃	No performance determined



CPR

5 tests for the new Euroclass ranking



Installer

Check cable conformity and provide the right document to security committee.



Distributor

Check conformity of product sold.



Specifier

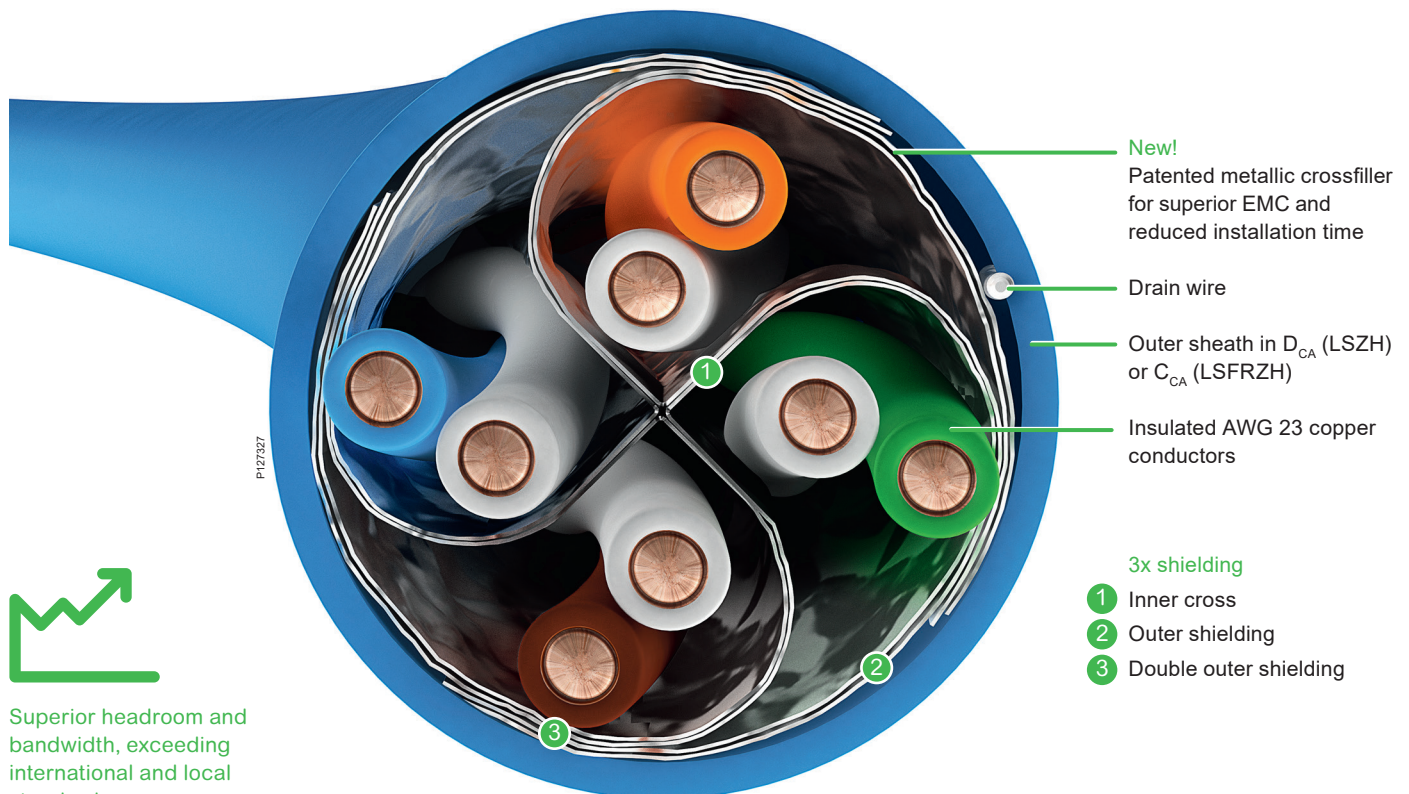
Specify the right solution according to the local laws.

Actassi CL-MX cables

3 times improved performance w 1 new metallic crossfiller

This page must be checked by each country. Should contain some regional offer.

The patented crossfiller brings 3x shielding and superior Electro Magnetic Compatibility (EMC). Thanks to the unique design, the EMC performance is the best in the market with performances exceeding the standard requirements of 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.

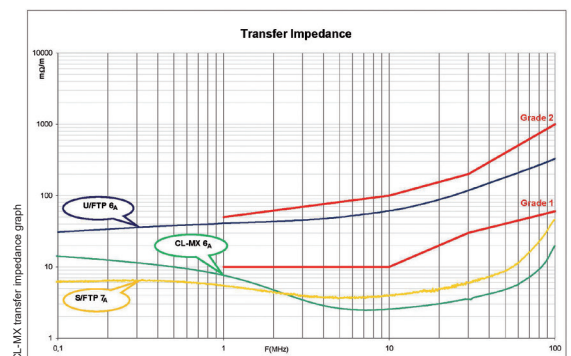


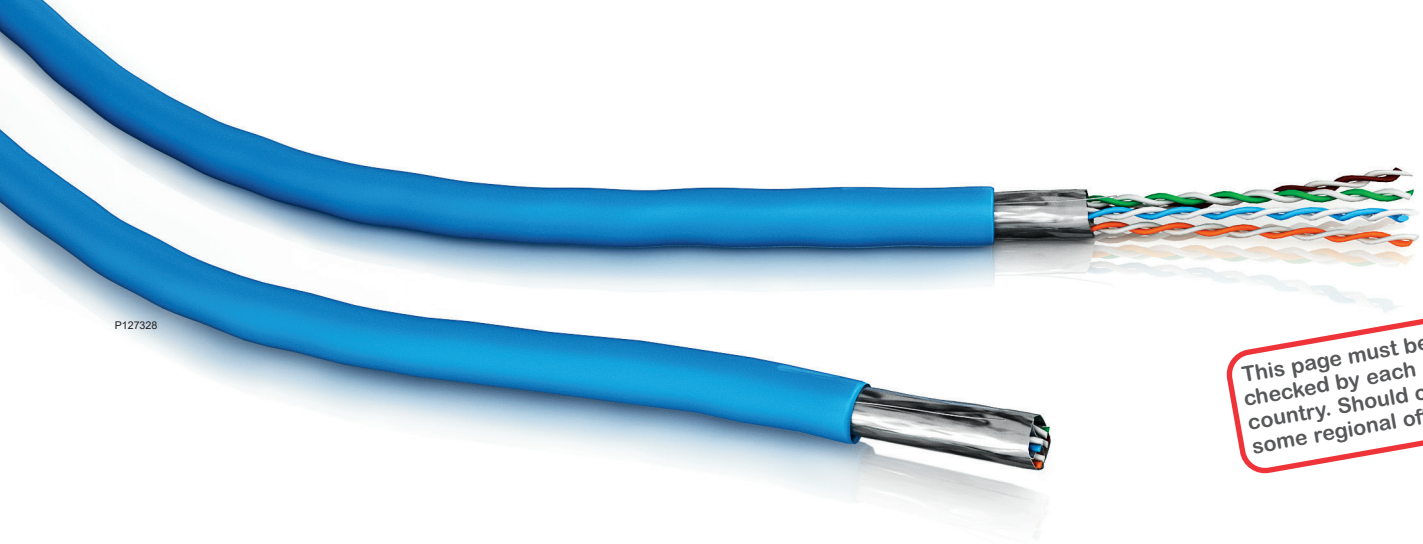
Superior headroom and bandwidth, exceeding international and local standards.

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.





This page must be checked by each country. Should contain some regional offer.

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

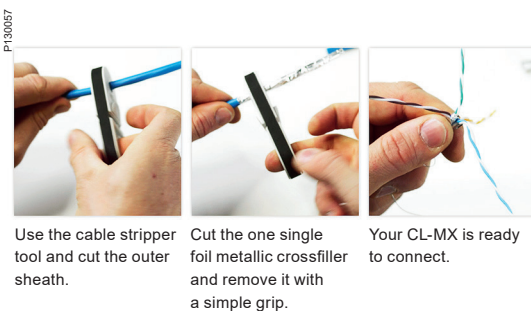
Improved safety in case of fire

Actassi CL-MX is available in two versions, the flame retardant D_{CA} (LSZH) and the fire retardant C_{CA} (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.



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

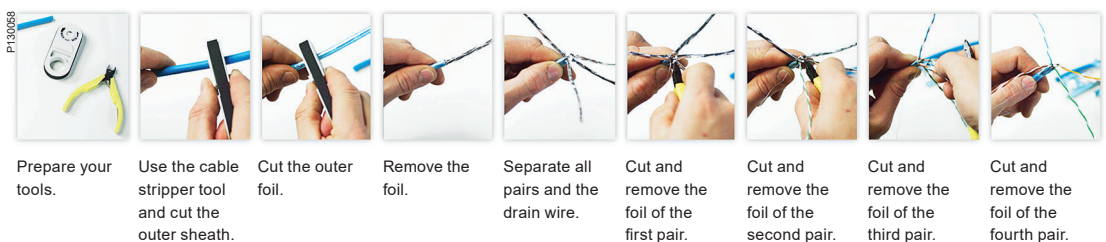
Less cutting with Actassi CL-MX



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.

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



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.

3x
Three times faster installation with Actassi CL-MX



Cables

EMEAS

CL-C Copper LAN cables - Category 5e

CL-C Category 5e Copper LAN cables

CL-C Cat 5e U/UTP

Specifications

- 100 Ohms, 100 MHz, AWG24, 4 pairs or 2x4 twisted pairs without screen
 - Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).
- For Type 4 PoE, bundle size shall be limited to 32 cables when installed in pathways under ventilated conditions and 10 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and TIA/EIA-568-C.2 standards.

NEXT	Guaranteed	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	Euroclass	Cond/Length	Ref. No
4 pair cable	30.9 kg/km	4.9 mm	D _{CA}	305 m	VDICD115118
			D _{CA}	500 m	VDICD115218

CL-C Cat 5e F/UTP

Specifications

- 100 Ohms, 100 MHz, AWG24, 4 pairs or 2x4 twisted pairs without screen
 - Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).
- For Type 4 PoE, bundle size shall be limited to 56 cables when installed in pathways under ventilated conditions and 18 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 standards.

NEXT	Guaranteed	Standard IEC
100 MHz	35.3 dB	≥ 35.3 dB

Use

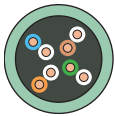
- Network cabling systems for category 5 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Euroclass	Cond/Length	Ref. No
4 pair cable	41.2 kg/km	6 mm	D _{CA}	305 m	VDICD135118
			D _{CA}	500 m	VDICD135218

P119659



P120013



P119661



P120015





Cables

EMEAS

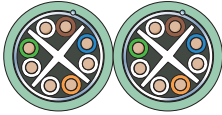
CL-C Copper LAN cables - Category 6



P119687



P120018



P120019

CL-C Category 6 Copper LAN cables

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 all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).
- For Type 4 PoE, bundle size shall be limited to 82 cables when installed in pathways under ventilated conditions and 29 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

NEXT	Guaranteed	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	Euroclass	Cond/Length	Ref. No
4 pair cable	49 kg/km	7.1 mm	D _{CA}	500 m	VDICD136218
2x4 pair cable	98 kg/km	7.1x 14.4 mm	D _{CA}	500 m	VDICD136228



Cables

EMEAS

CL-C Copper LAN cables - Category 6A

CL-C Category 6_A Copper LAN cables

CL-C Cat 6_A F/UTP

Specifications

- 100 Ohms, 500 MHz, AWG 23, 4 pairs or 2x4 pairs with overall screen
- Cross filler to organize the pairs
- Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 93 cables when installed in pathways under ventilated conditions and 34 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 50288-10-1 standards.

NEXT	Guaranteed	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.

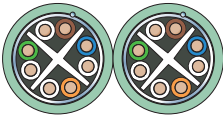
Type	Weight	Diameter	Euroclass	Cond/Length	Ref. No
4 pair cable	50 kg/km	7.5 mm	D _{CA}	500 m	VDICD13X218
2x4 pair cable	102 kg/km	7.5x 15.2 mm	D _{CA}	500 m	VDICD13X228



P119667



P120018



P120019



Cables

EMEAS

CL-MNC Copper LAN cables - Category 6

CL-MNC Category 6 Copper LAN cables

CL-MNC Cat 6 U/FTP

Specifications

- 100 Ohms, 300 MHz, AWG23, 4 pairs or 2x4 pairs with individual screens
- Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 89 cables when installed in pathways under ventilated conditions and 32 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

NEXT	Guaranteed	Standard IEC
250 MHz	42.3 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	Euroclass	Cond/Length	Ref. No
4 pair cable	48 kg/km	7.1 mm	D _{CA}	500 m	VDICD626218
2x4 pair cable	97 kg/km	7.1x 14.2 mm	D _{CA}	500 m	VDICD626228

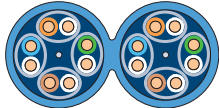
P110665



P120021



P68871





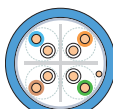
Cables

EMEAS

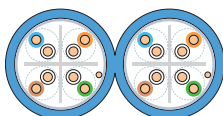
CL-MNC Copper LAN cables - Category 6A



P119864



P147103



P147104

CL-MNC Category 6_A Copper LAN cables

CL-MNC Cat 6_A U/UTP

Specifications

- 100 Ohms, 500 MHz, AWG 23, 4 pairs, 2x2-pair wrappings
- NVP = 76 %
- Compatible with all PoE applications up to 4-pair PoE Type 4 (90 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 96 cables when installed in pathways under ventilated conditions and 36 cables in closed metal trays to ensure temperature rise below 15°C. Improved design with an anti-cross-talk barrier.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801-1, IEC 61156-5, EN 50288-11-1 and EN50575 standards.

NEXT	Guaranteed	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	Euroclass	Cond/Length	Ref. No
4 pair cable	54 kg/km	7.3 mm	D _{CA}	500 m	VDICD61X218

CL-MNC Cat 6_A F/UTP

Specifications

- 100 Ohms, 550 MHz, AWG 23, 4 pairs and 2x4 pairs with overall screen
- NVP = 70 %
- Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 93 cables when installed in pathways under ventilated conditions and 34 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 50288-10-1 standards.

NEXT	Guaranteed	Standard IEC
500 MHz	37.8 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	Euroclass	Cond/Length	Ref. No
4 pair cable	50 kg/km	7.5 mm	D _{CA}	500 m	VDICD63X218
				1000 m	VDICD63X318
2x4 pair cable	110 kg/km	7.5x 15.2 mm	D _{CA}	500 m	VDICD63X228
4 pair cable	58 kg/km	7.9 mm	C _{CA}	500 m	VDICC63X218



Cables

EMEAS

CL-MNC Copper LAN cables - Category 6A



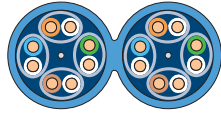
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P120021



P6671



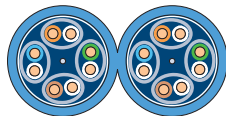
P119666



P120023



P6659



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 all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 100 cables when installed in pathways under ventilated conditions and 37 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 5028810-1 standards.

NEXT	Guaranteed	Standard IEC
500 MHz	54.8 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	Euroclass	Cond/Length	Ref. No
4 pair cable	48 kg/km	7.1 mm	D _{CA}	500 m	VDICD62X218
2x4 pair cable	97 kg/km	7.1x 13.8 mm	D _{CA}	500 m	VDICD62X228
2x4 pair cable	112 kg/km	8.1x 16.2 mm	C _{CA}	500 m	VDICC62X228

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 all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 107 cables when installed in pathways under ventilated conditions and 40 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 5028810-1 standards.

NEXT	Guaranteed	Standard IEC
500 MHz	54.8 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	Euroclass	Cond/Length	Ref. No
4 pair cable	48 kg/km	7 mm	D _{CA}	500 m	VDICD64X218
	50 kg/km	7 mm	D _{CA}	1000 m	VDICD64X318
2x4 pair cable	96 kg/km	7x14.2 mm	D _{CA}	500 m	VDICD64X228
2x4 pair cable	152 kg/km	8.2x 16.4 mm	C _{CA}	500 m	VDICC64X228



Cables

EMEAS

CL-MNC Copper LAN cables - Category 7A

CL-MNC Category 7A Copper LAN cables

CL-MNC Cat 7A F/FTP

Specifications

- 100 Ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and overall screen, PiMF construction
- NVP = 80 %
- Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 107 cables when installed in pathways under ventilated conditions and 40 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 50288-9-1 standards.

NEXT	Guaranteed	Standard IEC
1000 MHz	60.4 dB	> 60.4 dB

Use

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

Type	Weight	Diameter	Euroclass	Cond/Length	Ref. No
4 pair cable	57 kg/km	7.5 mm	D _{CA}	500 m	VDICD648218

CL-MNC Cat 7A S/FTP

Specifications

- 100 Ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and metallic braid, PiMF construction
- NVP = 80 %
- Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).

For Type 4 PoE, bundle size shall be limited to 110 cables when installed in pathways under ventilated conditions and 41 cables in closed metal trays to ensure temperature rise below 15°C.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 5028810-1 standards.

NEXT	Guaranteed	Standard IEC
1000 MHz	60.4 dB	> 60.4 dB

Use

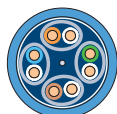
- Network cabling systems for category 7A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Euroclass	Cond/Length	Ref. No
4 pair cable	59 kg/km	7.3 mm	D _{CA}	500 m	VDICD658218

P119666



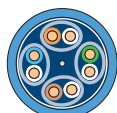
P120023



P119680



P120023



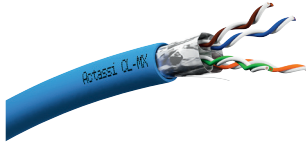


Cables

EMEAS

CL-MX Copper LAN cables - Category 6A

P126513



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 C_{CA} (LSFRZH) version according to IEC 60332-3C, NF C 32070 2.1, NF C 32070 2.2
 - Compatible with all PoE applications up to 4-pair PoE Type 4 (100 W maximum @ Power Source Equipment).
- For Type 4 PoE, bundle size shall be limited to 106 cables when installed in pathways under ventilated conditions and 39 cables in closed metal trays to ensure temperature rise below 15°C.

Standards

- Compliant to EN 50173-1, ISO/IEC 11801 Ed3.0, IEC 61156-5 Ed2 and EN 50288-10-1 standards.

NEXT	Guaranteed	Standard IEC
500 MHz	54.8 dB	> 34.8 dB

Use

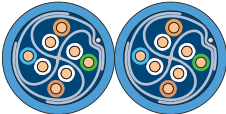
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

Type	Weight	Diameter	Euroclass	Cond/Length	Ref. No
4 pair cable	54 kg/km	7.3 mm	D _{CA}	500 m	VDICD68X218
4 pair cable	54 kg/km	7.3 mm	D _{CA}	1000 m	VDICD68X318
2x4 pair cable	108 kg/km	7.3x 14.8 mm	D _{CA}	500 m	VDICD68X228
4 pair cable	63 kg/km	7.7 mm	C _{CA}	500 m	VDICC68X218
2x4 pair cable	126 kg/km	7.7x 15.6 mm	C _{CA}	500 m	VDICC68X228

P139186



P147307





Cables

APAC

CL-C Copper LAN cables - Category 5e

Category 5e PVC cables

The Actassi Category 5e 4-pair cable consists of 24 AWG (0.51 mm) solid-copper conductors insulated with high-density polyethylene. The insulated conductors are tightly twisted into pairs and covered with PVC material.

The Actassi Category 5e 4-pair cable provides excellent high-speed transmission, is certified to 100 MHz. This product is CM or CMR fire rated.

Category 5e LSZH cables

The Actassi Category 5e low smoke zero halogen (LSZH) 4-pair cable consists of 24 AWG (0.51 mm) solid-copper conductors insulated with high-density polyethylene. The insulated conductors are tightly twisted into pairs and covered with a non-halogen high-density polyethylene jacket made from low smoke zero halogen compounds.

The Actassi Category 5e LSZH 4-pair cable provides excellent high-speed transmission, and certified to 155 MHz. This product is CM fire rated.

Product features

- Compliant with enhanced Category 5 standard.

Customer benefits

- Ideal for high-speed networks and broadband distribution in the premise
- Suits horizontal and vertical wiring.

CL-C Cat 5e U/UTP

Specifications

- 24 AWG. 4 pairs. Centre filler to maintain pair twisting.

Performances

- Compliant to: IEC 60754 part 2 (non-halogen), IEC 61034 part 2 (smoke emission), IEC 60332-1 (flammability and Fire Retardant).

NEXT	Guaranteed	Standard IEC
100 MHz	38.3 dB	≥ 35.3 dB

Use

- Applications such as 155 Mb/s ATM, 622 Mb/s ATM and IEEE 802.3 1000 Base-T (Gigabit ethernet) standards, using parallel transmission technology.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	42 kg/km	4.8 mm	PVC - CM	305 m	ACT4P5EUCM3RBxx
			LSZH	305 m	ACT4P5EULS3RBxx

Where **xx** denotes the color of jacket: BU = blue, WE = white, BK = black, GY = grey, GR = green, RD = red, YL = yellow.

CL-C Cat 5e F/UTP

Specifications

- 24 AWG. 4 pairs. Centre filler to maintain pair twisting
- Wrapped with aluminum foil as binder
- PE insulation of conductors.

Performances

- Compliant to: IEC 60754 part 2 (non-halogen), IEC 61034 part 2 (smoke emission), IEC 60332-1 (flammability and Fire Retardant).

NEXT	Guaranteed	Standard IEC
100 MHz	35.3 dB	≥ 35.3 dB

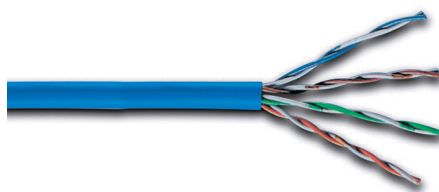
Use

- Applications such as 155 Mb/s ATM, 622 Mb/s ATM and IEEE 802.3 1000 Base-T (Gigabit ethernet) standards, using parallel transmission technology.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	42 kg/km	5 mm	PVC - CM	305 m	ACT4P5ESCM3RBxx
			LSZH	305 m	ACT4P5ESLS3RBxx

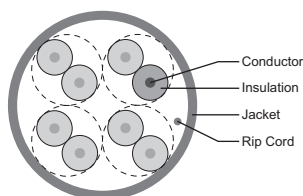
Where **xx** denotes the color of jacket: BU = blue, WE = white, BK = black, GY = grey, GR = green, RD = red, YL = yellow.

2D4P5JPV3B_Cat5e UTP PVC

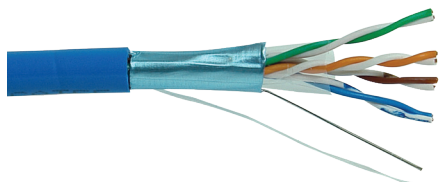


ACT4P5EULS3RBBU

Cat5e UTP Cable_dwg



CAB5E305FTP



ACT4P5ESCR3RBBU



Cables

APAC

CL-C Copper LAN cables - Category 6



Category 6 PVC cables

The Actassi 4-pair Category 6 cable is a superior product delivering excellent network performance when used in conjunction with other Actassi Category 6 products.

The Category 6 cable consists of 4 pairs of solid insulated copper 23 AWG and is CM or CMR fire rated.

The Category 6 cable provides a significant margin above the minimum Category 6 near end crosstalk NEXT requirement of ANSI/TIA/EIA-568 and ISO/IEC 11801.

Category 6 LSZH cables

The availability of a central filler helps in delivering superior cross-talk isolation and therefore ensures excellent performance. This precision and unique manufacturing process design allows for easy removal, which maximizes both performance and termination.

Insulated with non-halogen high-density polyethylene and covered with low smoke zero halogen compounds. It is designed for use in horizontal cabling situations where building smoke requirements mandate low smoke and zero halogen installation.

Product features

- Centre filler to maintain pair twisting and optimum NEXT and ELFEXT performance
- 23 AWG conductors for improved insertion loss performance.

Customer benefits

- Exceeds Category 6 ANSI/TIA/EIA-568-C2-1 and ISO/IEC 11801 standards
- Supports Gigabit ethernet (1000 Base-T and 1000 Base-TX) and beyond.

CL-C Cat 6 U/UTP

Specifications

- 23 AWG, 4 pairs. Centre filler to maintain pair twisting.

Performances

- Compliant to: ISO/IEC 11801 Class E, IEC 60754 part 2 (non-halogen), IEC 61034 part 2 (smoke emission), IEC 60332-1 (flammability and Fire Retardant).

NEXT	Guaranteed	Standard IEC
250 MHz	41.3 dB	≥ 39.3 dB

Use

- In horizontal cabling situations
- LSZH cables: high-bandwidth applications, including the IEEE 802.3AB 1000 Base-T (Gigabit ethernet), TIA/EIA 1000 Base-TX, 1.2Gb/s ATM and any future applications designed for Category 6/Class E cabling, broadband video.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	40 kg/km	6 mm	PVC - CM	305 m	ACT4P6UCM3RBxx
			LSZH	305 m	ACT4P6ULS3RBxx

Where **xx** denotes the color of jacket: BK = black, BU = blue, GR = green, RD = red, SG = soft grey, WE = white, YL = yellow.

CL-C Cat 6 F/UTP

Specifications

- 23 AWG, 4 pairs. Centre filler to maintain pair twisting.

Performances

- Compliant to: ISO/IEC 11801 Class E, IEC 60754 part 2 (non-halogen), IEC 61034 part 2 (smoke emission), IEC 60332-1 (flammability and Fire Retardant).

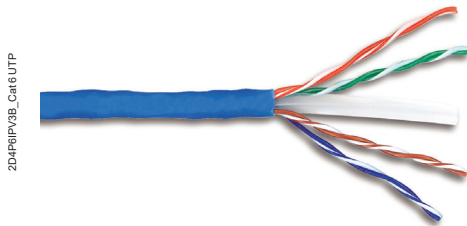
NEXT	Guaranteed	Standard IEC
250 MHz	41.3 dB	≥ 39.3 dB

Use

- In horizontal cabling situations
- LSZH cables: high-bandwidth applications, including the IEEE 802.3AB 1000 Base-T (Gigabit ethernet), TIA/EIA 1000 Base-TX, 1.2Gb/s ATM and any future applications designed for Category 6/Class E cabling, broadband video.

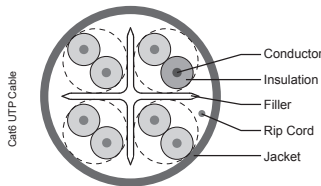
Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	52.5 kg/km	7.3 mm	PVC - CM	305 m	ACT4P6SCM3RBxx
			LSZH	305 m	ACT4P6SLS3RBxx

Where **xx** denotes the color of jacket: BK = black, BU = blue, GR = green, RD = red, SG = soft grey, WE = white, YL = yellow.



2D4P6U/UTP_Cat6 UTP

ACT4P6UCM3RBxx
ACT4P6ULS3RBxx

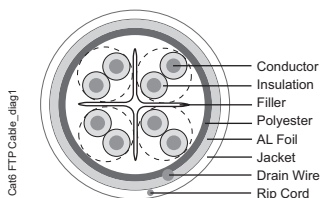


Cat6 UTP Cable



2D4P6F/UTP3_Cat6 FTP PVC1

ACT4P6SCM3RBxx
ACT4P6SLS3RBxx



Cat6 FTP Cable_diag1



Cables

APAC

CL-MNC Copper LAN cables Category 6A

Actassi Cat 6A 4-pair cable is a high quality product delivering excellent network performance when using in conjunction with other Actassi Cat 6A products.

The Cat 6A cable consists of 4 pairs of solid insulated copper 23 AWG. The cable provides a significant margin above the Category 6A Alien Crosstalk (ANEXT) requirement of TIA/EIA 568-C.2 Category 6A and ISO/IEC 11801 Class Ea.

CL-MNC Cat 6_A U/UTP

Specifications

- 23 AWG. 4 pairs. Centre filler to maintain pair twisting.

Performances

- Complies with TIA/EIA-568-C.2 Category 6A and ISO/IEC 11801 Class Ea standards.

NEXT	Guaranteed	Standard IEC
500 MHz	35.8 dB	≥ 34.8 dB

Use

- In horizontal cabling situations
- Support 10G Base-T, 1000 Base-T and 1000 Base-TX LANs and broadband video applications.

Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	44.3 kg/km	8.5 mm	PVC - CM	305 m	ACTTG4P6AUCM3RBU
			LSZH	305 m	ACTTG4P6AULS3RWE

CL-MNC Cat 6_A F/UTP

Specifications

- 23 AWG. 4 pairs. Centre filler to maintain pair twisting.

Performances

- Complies with TIA/EIA-568-C.2 Category 6A and ISO/IEC 11801 Class Ea standards.

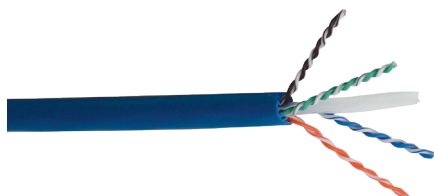
NEXT	Guaranteed	Standard IEC
500 MHz	35.8 dB	≥ 34.8 dB

Use

- In horizontal cabling situations
- Support 10G Base-T, 1000 Base-T and 1000 Base-TX LANs and broadband video applications.

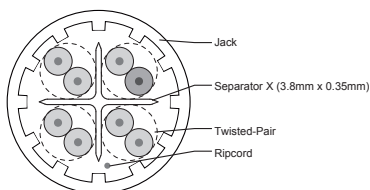
Type	Weight	Diameter	Sheath	Cond/Length	Ref. No
4 pair cable	44.3 kg/km	7.3 mm	PVC - CM	305 m	ACTTG4P6ASCM3RBU

P7190170

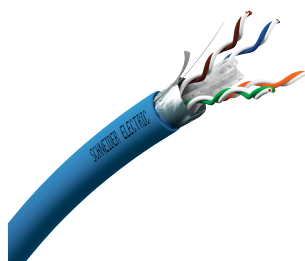


ACTTG4P6AUCM3RBU

10G UTP Cable

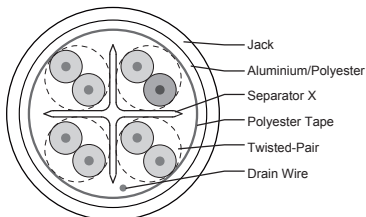


P148945



ACTTG4P6ASCM3RBU

Cross view



P402250



Tool

Description

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.

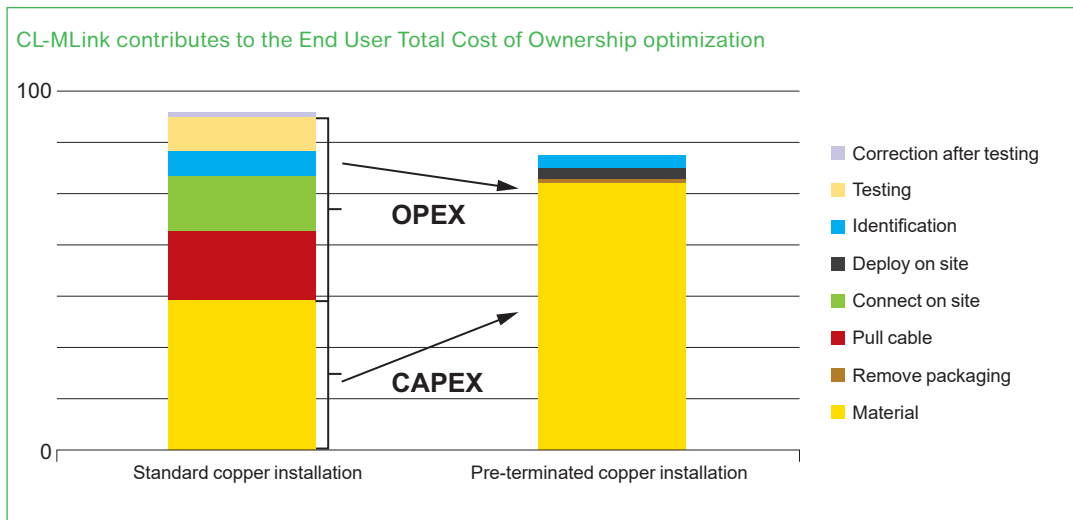
Type	EAN code	Ref. No
Cable stripper	3606480186127	VDIR580021



Actassi pre-terminated copper bundle solutions

One product range to fit every need

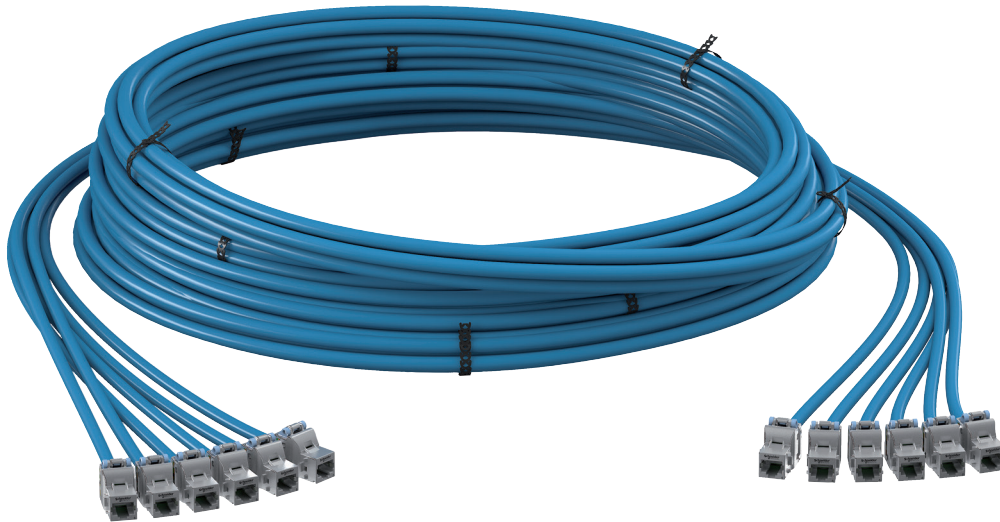
Actassi standard offer	Actassi CL-MLink cables
<ul style="list-style-type: none"> ■ In buildings: from technical room to workspace ■ In data centers: from rack to rack 	
<p>Components assembled by customer</p> <ul style="list-style-type: none">  ■ LAN copper cables  ■ RJ45 Connectors  ■ CP-Links  ■ Copper patch cords 	<p>Schneider Electric pre-assembled components for customer</p> <ul style="list-style-type: none">  <p>Female-Female:</p> <ul style="list-style-type: none"> ■ S-One to S-One ■ S-One DPM to S-One DPM  <p>Female-Male:</p> <ul style="list-style-type: none"> ■ S-One to RJ45 plug ■ S-One DPM to RJ45 plug  <p>Male-Male:</p> <ul style="list-style-type: none"> ■ RJ45 plug to RJ45 plug
<p>Cable cut on site</p>	<p>Pre-assembled with custom cable length</p>



CL-MLink contributes to OPEX reduction

Answering high reliability and speed deployment needs

Actassi CL-MLink is Schneider Electric's new solution for buildings and data centre applications. It delivers the features and functionality necessary to meet the unique challenges and requirements of these demanding environments.



2

High security for your network

- > Complete plug & play systems
- > Expertise: 100 % pre-assembled and 100 % pre-tested by Schneider Electric
- > 10G performance
- > Pre-term links with Schneider Electric warranty
- > Available in Cat 6 and Cat 6A, shielded and unshielded

Costs and time savings

- > Actassi CL-MLink's target is zero downtime. The pre-assembled cable with Actassi S-One connectors enable a speedy deployment and reduce labor costs by saving on installation time compared to standard copper installations
- > Increase overall efficiency and avoid late penalties at your construction site
- > Save on installation time with custom labels on each port that identify the building, floor, cabinet or office number

Scalable and adaptable

- > Increase flexibility in network offices
- > Pay as you grow
- > Scalability with consolidation points
- > Custom cable lengths adjust to end user needs
- > Delivered in step with site evolution

Time secured for installation on site

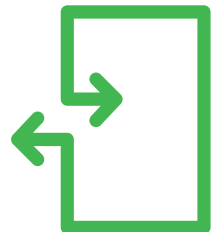
- > 8x faster installation compared to standard copper offer. Save connection time on site
- > Delivery secured
- > Links offer fast and easy deployment that reduces human intervention on site

An end-to-end network installation

- > Benefit from partnering with one supplier. Access the larger Schneider Electric offer for BMS, UPS, Cooling, CMS
- > Solutions for a broad range of projects and applications
- > Digital offer selection guides

Energy efficient thanks to "Green environment"

- > Packaging reduced by 90 %
- > Custom cable lengths reduce waste



Plug & Play copper bundle solution



Pre-terminated bundles are manufactured according to your requirements with the components pictured below. Configurations are introduced on the following pages. To select the reference and links, use the configurator available at:

<http://www.schneider-electric.com/en/product-range-selector/61003-actassi-foreurope/?filter=business-5-installation-systemsand-control&parent-category-id=3800>

> Connectors

Type	UTP	UTP DPM	STP	STP DPM
Category	Cat 6	Cat 6	Cat 6	Cat 6
	P121212	P124007	P121215	P124010

> Cables

Type	U/UTP	F/UTP	S/FTP	S/FTP
Category	Cat 6	Cat 6	Cat 6 / Cat 6A	Cat 6A
AWG	23	24	26	23
Color	Green	Green	White	Blue
Euroclass	D _{CA} (LSZH)	D _{CA} (LSZH)	C _{CA} (LSFRZH)	C _{CA} (LSFRZH)
	P110559	P120018	P123554	P120021

> Aggregation




Choose between two aggregations:






- With rapstrap for buildings and data centers applications.
- Rapstrap and a black plastic braided sheath at each female extremity for data center applications.



	Rapstrap + Black plastic braided sheath	Rapstrap
	P146892 + P146894	P146894
Female-Female	P146872	P146892
Female-Male	P146873	P146893
Male-Male		P146874

The black plastic braided sheath is a reliable aggregation for data center which offers protection for your female connectors.


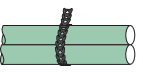
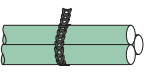
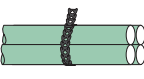
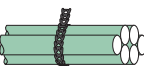
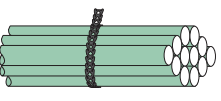
> Configurations

Female - Female	Female - Male	Male - Male
<p>P146881</p> 	<p>P146880</p> 	<p>P146876</p> 

UTP	UTP DPM	STP	STP DPM	UTP / STP
Cat 6A	Cat 6A	Cat 6A	Cat 6A	Cat 6 / Cat 6A
<p>P121213</p> 	<p>P124006</p> 	<p>P121216</p> 	<p>P124009</p> 	<p>P146869</p> 

U/UTP	F/FTP
Cat 6A	Cat 6A
23	23
Blue	Blue
D _{CA} (LSZH)	D _{CA} (LSZH)
<p>P130057</p> 	<p>P120021</p> 

> Links

1 cable	2 cables	3 cables	4 cables	6 cables	12 cables
<p>P122481</p> 	<p>P122482</p> 	<p>P122483</p> 	<p>P146878</p> 	<p>P122484</p> 	<p>P122485</p> 

Note: Pictures for illustration only

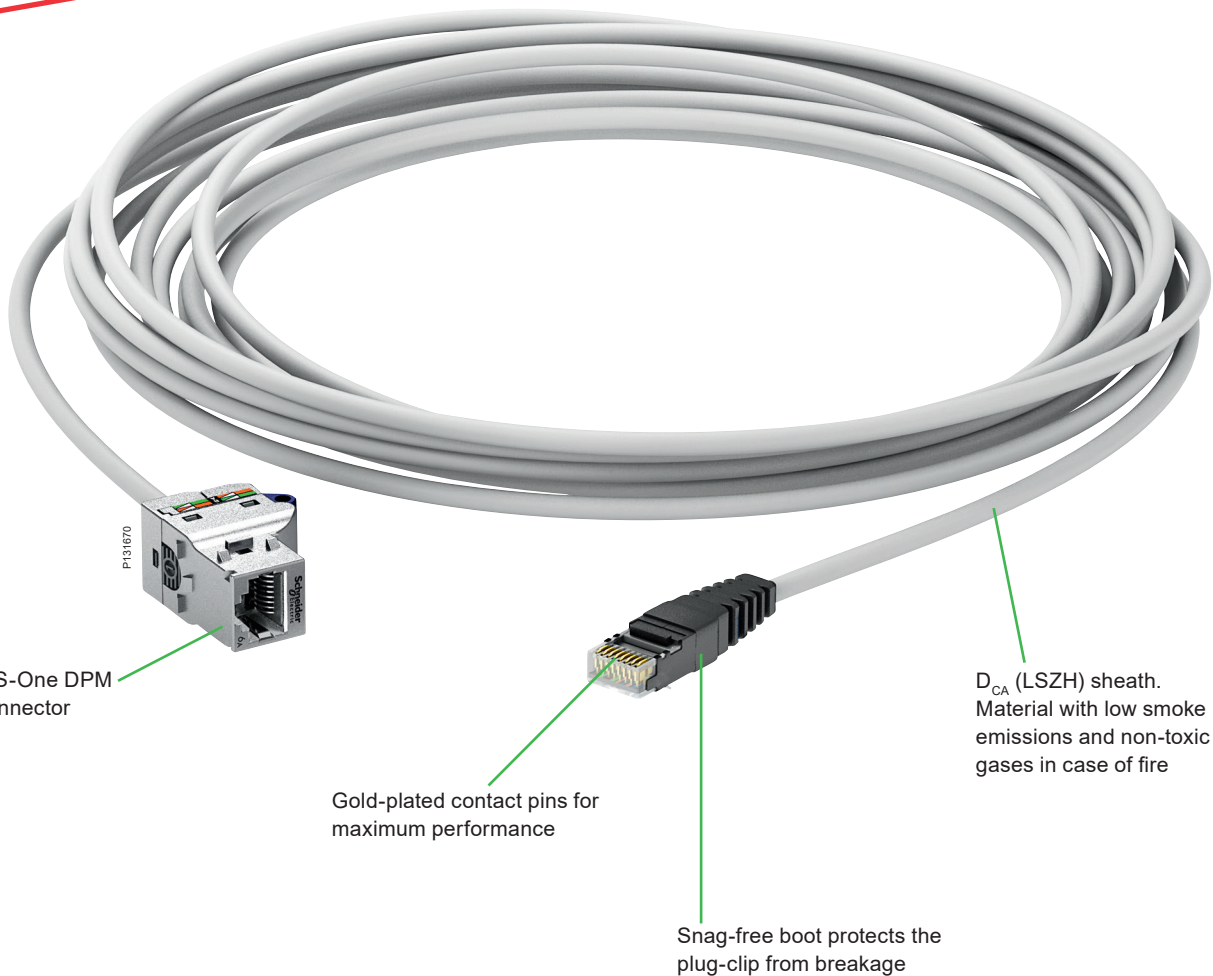
Actassi consolidation point links

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.

Applications

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.

This page must be checked by each country. Should contain some regional offer.



Specifications

- CP link Cat 5e, 6 and 6_A are pre-assembled with the following components:
 - S-One connector Cat 6_A
 - cable Cat 5e U/UTP and F/UTP
 - cable Cat 6 U/UTP and S/FTP
 - cable Cat 6_A S/FTP (white colour)
 - RJ45 Plug
- High performance: Cat 6_A for copper systems, standard & system warranty
- Compliant with: ISO/IEC 11801 Ed3.0, EN 50173 Ed.3, EIA/TIA 568-C.2, IEC 60603-7, IEC 61156-5
- Full latest standards FORCE Technology (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
- D_{CA} (LSZH) cable use
- Full compatibility for installations with Schneider Electric poles and posts.



Application

Ensures and gives transmission of data networks.

P138750



CP Cabling link CL-MNC Cat 6			
Type	Colour of sheath	Length (m)	Ref. No
U/UTP Cat 6 D _{CA} DPM	Green	10	VDICP1601001

P131670



CP Cabling link CL-MNC 6 _A CP Cabling S/FTP Cat 6 _A			
Type	Colour of sheath	Length (m)	Ref. No
D _{CA} cable with DPM connector	White	5	VDICP4X00501
		10	VDICP4X01001



Actassi copper patch cords

New range of Actassi patch cords are more green, more flexible, 100% tested and third-party certified



Featuring Cat 6 U/UTP, Cat 6 F/UTP, and Cat 6_A S/FTP, the range is available in LSZH or PVC outer sheath, offering 5 different colors and lengths.

Following Schneider Electric's sustainable engagement, Actassi patchcords are now packaged and delivered with the best product quality in a flat brown-carton for a better environmental footprint with less plastic, fewer inks and chemical substances.



Applications

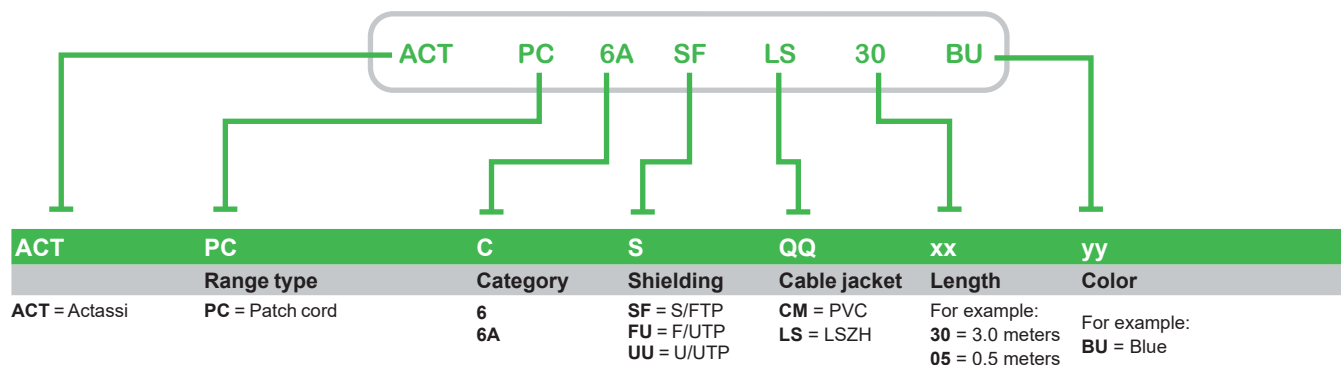
Actassi copper patch cords ensure a reliable transmission in data networks. They are suitable for both shielded and unshielded needs.

Benefits

The improved design of the new range of patch cord offers:

- 40% diameter reduction for a better installation experience
- improved flexibility that enables easy patching while finalizing racks
- simplified high-density patching management and improved heat circulation for better thermal management around the switches
- simplified patch cord reference numbers easily identified with the naming principle.

Principle of reference numbers

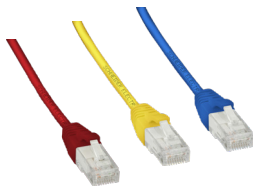


e.g.:

- ACTPC6ASFLS30GR = ACT = Actassi, PC = Patch cord, 6A = Category, SF = Shielding, LS = Cable jacket, 30 = Length, GR = Green
- ACTPC6ASFCM10RD = ACT = Actassi, PC = Patch cord, 6A = Category, SF = Shielding, CM = Cable jacket, 10 = Length, RD = Red

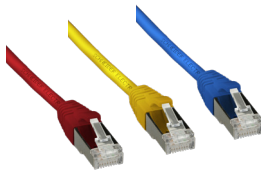


Cat 6 U/UTP patch cord



ACTPC6UUCMxxyy
ACTPC6UULSxxyy

Cat 6 F/UTP patch cord



ACTPC6FUCMxxyy
ACTPC6FULSxxyy

Cat 6_A S/FTP patch cord



ACTPC6ASFCMxxyy
ACTPC6ASFLSxxyy

Standard Compliance

- 100% tested at the final control according to TIA-568.2-D and ISO/IEC11801-1 standards.
- Support Power over Ethernet (POE) applications up to 100 W (IEEE802.3af, EE802.3at, and IEEE802.3bt Type 3 and Type 4).
- Certified each year by a third-party laboratory (also recognized as Notified Body by European Union).
- Compliant with latest international standards TIA-568.2-D and ISO/IEC11801-1.
- Compliant with environmental and safety standards 2011/65/EU and 2015/863/EU RoHS directives and 2014/35/EU low voltage directive.
- Meet local regulations, CE for Europe, and RCM for Australia.
- The product and its packaging are compliant with ROHS and REACH. It also meets the SE Green Premium program.
- The product delivery includes its environmental profile showing limited environmental impacts during Manufacturing, Distribution, Installation, Use, and End of life.

Specifications

- The outer sheath of the patch cord is LSZH or PVC.
- The PVC outer sheath cable of U/UTP, F/UTP, and S/FTP categories are CM rated.

Installation Guidelines

- CL-MNC Cat 6 and Cat 6A Actassi patch cords are suitable for TIA Channel Cat 6 or 6A respectively and suitable for ISO Channel Class E or Ea at the condition 1.95 de-rating factor applied.
- The patch cord installation guidelines follow TIA TSB-184-A-1 and IEC 14763-2 standards, especially for the bundling of AWG28 patch cords supporting the delivery of IEEE 802.3 Type 3 or Type 4 PoE.

CL-MNC Cat 6 U/UTP patch cord

Diameter	Colour of sheath	Sheath	Ref. No
3.8+/-0.2 mm	WE/BU/GR/RD/YL	PVC	ACTPC6UUCMxxyy
		LSZH	ACTPC6UULSxxyy

CL-MNC Cat 6 F/UTP patch cord

Diameter	Colour of sheath	Sheath	Ref. No
5.2+/-0.2 mm	WE/BU/GR/RD/YL	PVC	ACTPC6FUCMxxyy
		LSZH	ACTPC6FULSxxyy

CL-MNC Cat 6_A S/FTP patch cord

Diameter	Colour of sheath	Sheath	Ref. No
5.5+/-0.2 mm	WE/BU/GR/RD/YL	PVC	ACTPC6ASFCMxxyy
		LSZH	ACTPC6ASFLSxxyy

xx	Length (m)	yy	Color
05	0.5	WE	White
10	1	BU	Blue
20	2	GR	Green
30	3	RD	Red
50	5	YL	Yellow

Where **xx** denotes the length of patch cords.
Where **yy** denotes the color of patch cords.

Note: Customized color and length is available upon request with additional lead time and MOQ requirement. Contact your local Schneider Electric agency for support.

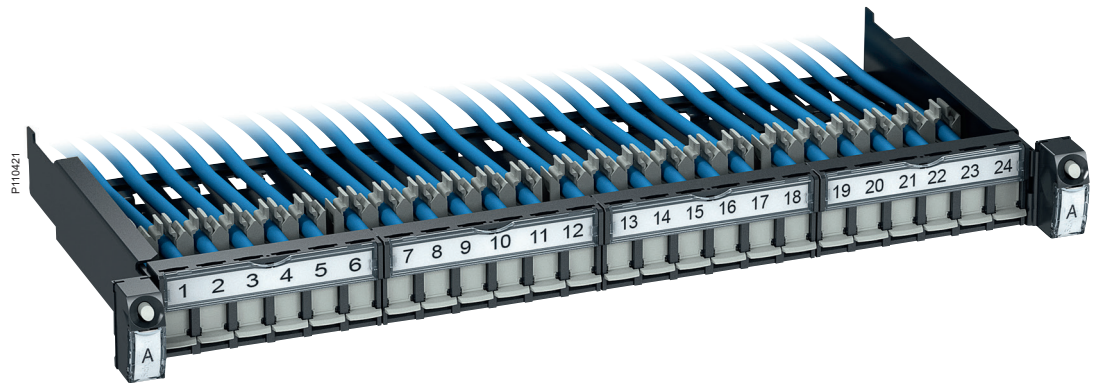


Panel range with S-One, S-One DPM and S-110 Actassi data panels

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.

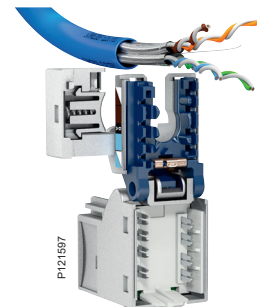


The data panel is available pre-equipped with the innovative S-One connectors.



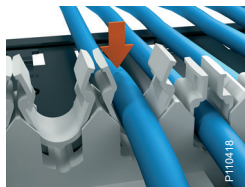
Sliding helps installation

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



Actassi S-One

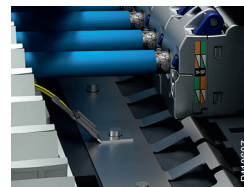
The connectors are a one-piece design for very fast and reliable wiring. Actassi S-One exceeds component hardware certification for standards like ISO/IEC 11801 Ed3.0 for Cat 6A, ensuring optimized network performance.



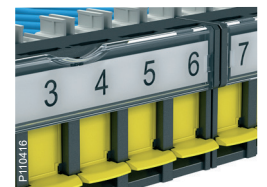
Cable management
Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



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.



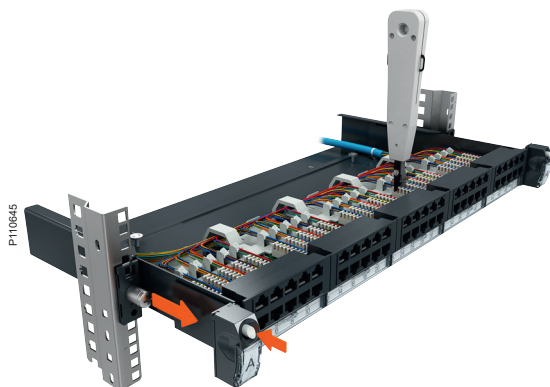
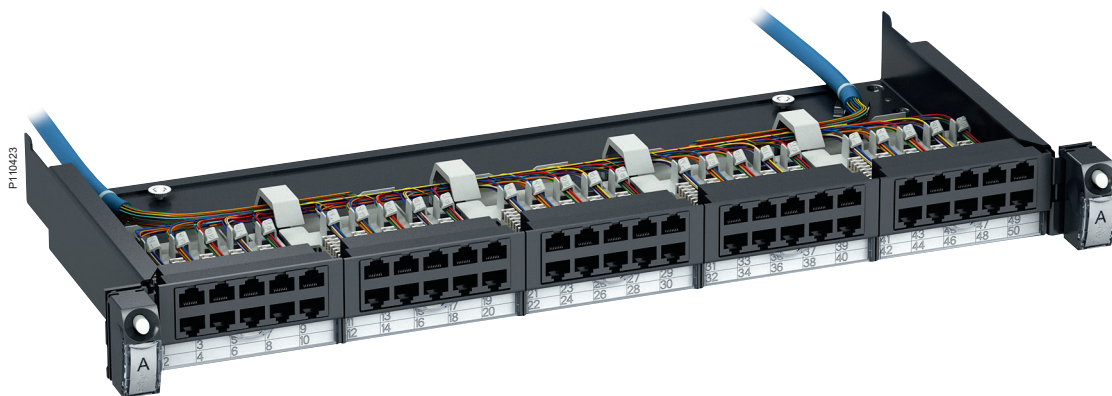
Clear front marking
Large identification labels for easy readability from ground level.



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

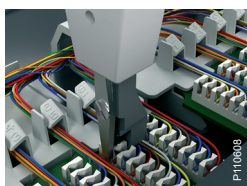
Actassi telecom panels

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.

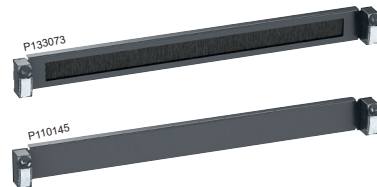
Power panels and accessories

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.



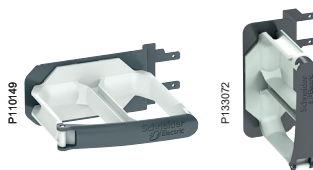
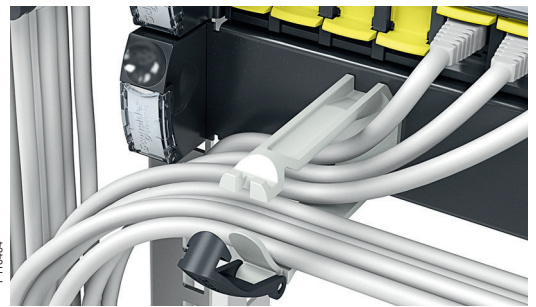
Brush and blank panel

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.



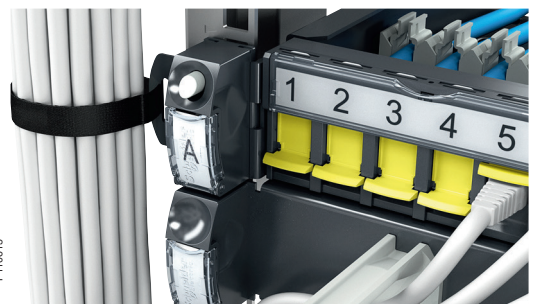
Side rings for rack 800x800

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 600x600

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



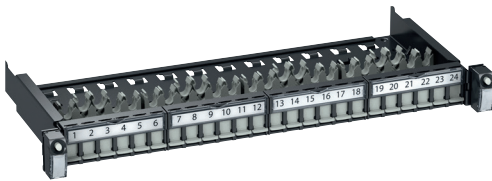
Empty sliding panel for S-One connectors 1U 24 ports

- 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

Description	Ref. No
Empty panel 1U UTP 24 ports	VDIG112241U
Empty panel 1U FTP/STP 24 ports	VDIG112241F

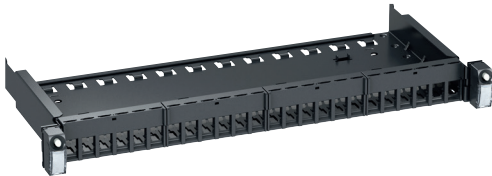
P111249



Basic version: without label holders and cable organizer

Description	Ref. No
Empty panel 1U FTP/STP 24 ports	VDIG012241F

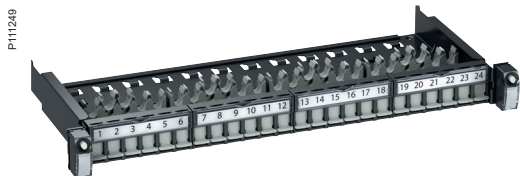
P111251



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	Ref. No
Category 5e Equipped panel 1U with 24 RJ45 Cat 5e UTP	VDIG118241U50
Category 6 Equipped panel 1U with 24 RJ45 Cat 6 UTP	VDIG118241U60
Equipped panel 1U with 24 RJ45 Cat 6 STP	VDIG118241B60
Category 6A Equipped panel 1U with 24 RJ45 Cat 6A STP	VDIG118241BX0



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

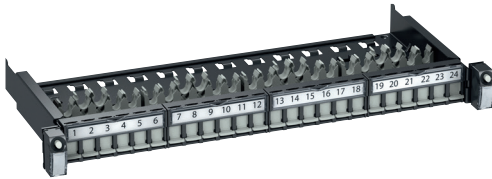
Description	Ref. No
Category 6A Equipped panel 1U with 24 RJ45 Cat 6A STP	VDIG018241BX0

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

P111240



Description	Ref. No
Empty panel for DPM connectors 1U FTP/STP 24 ports	VDIG111241F

P111250



Basic version: without label holders and cable organizer

Description	Ref. No
Empty panel for DPM connectors 1U FTP/STP 24 ports	VDIG011241F

Empty fixed panel with S-110 connectors, Cat 6_A STP, 1U 24 ports

- Category 6_A fully shielded keystone modular jacks
- Universal colour-coding for 568A and 568B standards
- Front labelling system
- Removable rear cable management bar is bundled with Velcro tapes
- Compatible with standard 19" equipment racks
- Fully compliant ISO/IEC 11801 Ed3.0 and ANSI/TIA/EIA-568-C series connecting hardware standards.



Description	Ref. No
Category 6_A Empty panel 10G Cat 6 _A , shielded 24-port patch panel*	ACTPPS24NSU

(*) ACTPPS24NSU can be used on Cat 6 shielded and Cat 5e FTP keystone jacks.

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

- Aesthetic, contemporary design
- Powder coated metal framework
- Universal colour-coding for T568A and T568B wiring scheme
- Removable rear cable management tray
- Compatible with standard 19" equipment frames
- IDC termination using a Actassi or other compatible tools
- Fully compliant to AS/NZS 3080: 2003, ISO/IEC 11801 Ed3.0 and ANSI/TIA/EIA-568-C series connecting hardware standards.

RJ6A124PPSH_24P C6B PPP



Description	Ref. No
Equipped panel Category 6, UTP 24-port, non-shutter, patch panel	ACTPP6U24NSS_S

Empty and Equipped fixed panel for MRCC connectors, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Panels equipped with 3 label holders
- Equipped with MRCC Keystone connectors (VDIEBxx)
- Compatible with standard 19" equipment racks
- Simple clicking connectors for mounting
- IDC termination using an Actassi or other compatible tools
- Fully compliant with AS/NZS 3080: 2003, ISO/IEC 11801 Ed3.0, and ANSI/TIA/EIA-568-C series connecting hardware standards.

Description	Ref. No
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Empty 19" patch panels UTP 24-ports	VDIEG113241U
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P148500

Category 5e Equipped 19" patch panels UTP 24-ports	VDIEG113241U50
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P148520

Category 6 Equipped 19" patch panels UTP 24-ports	VDIEG113241U60
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P148521

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.

Description	Ref. No
-------------	---------

Category 6_A Equipped panel 1U with 24 RJ45 S-110 connectors keystone Cat 6 _A UTP, non-shutter	ACTPP6ATGU24NSS
--	-----------------



P119459

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

- Category 6_A fully shielded keystone modular jacks
- Universal colour-coding for 568A and 568B standards
- Front labelling system
- Removable rear cable management bar is bundled with Velcro tapes
- Compatible with standard 19" equipment racks
- Fully compliant ISO/IEC 11801 Ed3.0 and ANSI/TIA/EIA-568-C series connecting hardware standards.

Description	Ref. No
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Equipped panel 10G Category 6 _A , shielded 24-port patch panel	ACTPP6ATGS24NSS
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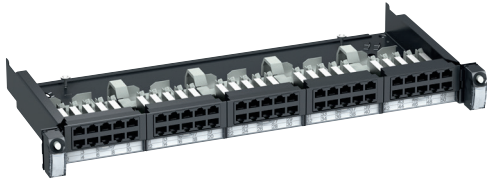
Actassi panel with boots jack

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	Ref. No
Telecom panel 50 ports	VDIG141501

P111256

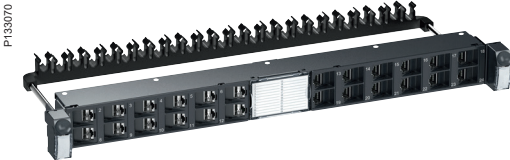


Equipped flat panel with S-One connectors in angle, Cat 6_A STP, 1U 24 ports

- 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	Ref. No
Equipped flat panel with connectors in angle 1U with 24 RJ45 Cat 6 _A STP	VDIG328241BX0



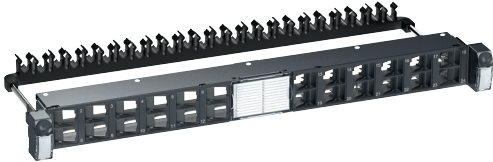
Empty flat panel for S-One DPM connectors in angle, 1U 24 ports

- 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)

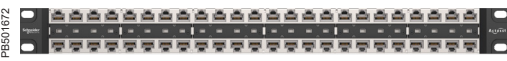
Description	Ref. No
Empty flat panel for DPM connectors in angle 1U FTP/STP 24 ports	VDIG321241B

P133074



High density panel 48 ports 1U straight for S-110 RJ45

- Straight high density panel 1U 48 ports (without RJ45 jacks)
- Compatible with standard 19" equipment frames
- Compliant with standard 19" at 1U height
- Fully compliant to ISO/IEC 11801Ed 3.0 and ANSI/TIA/EIA-568-C series connecting hardware standards
- Compatible with unshielded Cat5e RJ45 S110 ACTASSI
- Compatible with unshielded Cat6 RJ45 S110 ACTASSI
- Compatible with specific Shielded Cat5e, Cat6 and Cat6A RJ45
- Earthing kit provided
- Simple clicking connectors for mounting
- Automatic earthing with the metallic RJ45 support for STP versions.
- Equipped with pre-printed labels
- Equipped with removable cable manager



Description	Ref. No
Patch Panel 48 ports 1U Straight unloaded	ACTPP48EMS



Cable management and accessories

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



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.

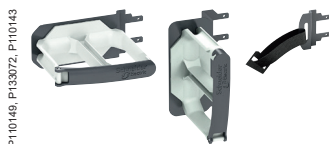
Description	Ref. No
Patch cord guiding panel 1U with 4 openable rings	VDIG188141
Patch cord guiding panel 2U with 4 openable rings	VDIG188142



Brush guiding panel

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

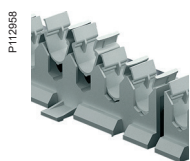
Description	Ref. No
Patch cord brush guiding panel 1U	VDIG188201



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	Ref. No
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	Ref. No
Cable organizer for fixation of up to 24 cables inside the panel	VDIM11U001



Label holders for data panels

Description	Ref. No
Transparent label holders pack of 4 pcs	VDIM11U002



RJ45 Shutters

Description	Ref. No
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



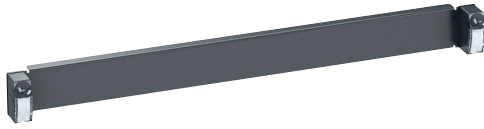
Rack earthing kit

Description	Ref. No
Rack earthing kit, pack of 10 pcs	VDIM48E011

Cable management and accessories

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

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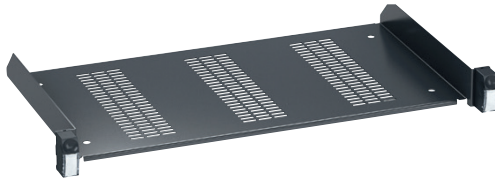


Metal blank panel

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

Description	Ref. No
Blank panel 1U	VDIG188021

P110147



Metal shelf

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

Description	Ref. No
Shelf 1U, depth 250 mm, for max weight 15 kg	VDIG188011

RJ18ECMFCC_CabMnglPnl



Metal management panel

- Cable management panel with metal fingers and metallic cover
- Metal base is powder coated to provide protection against scratches and rust
- A metallic cover provides security and aesthetics
- Available as a 1-rack unit (1U) item
- Available in graphite grey
- Compatible with standard 19" equipment racks.

Description	Ref. No
1U cable management panel	ACTRJ1UCMPM

RJ1UCMPC



Management panel

- Rack mount clips eliminate the need for cage nuts and screws
- Reinforced cable management rings can accommodate up to 50 patch cords
- Cavities behind each ring provide additional space for cable slack
- Additional depth on cable rings ensures compliance with minimum bend radius requirements
- Compliments Actassi patch panel styling.

Description	Ref. No
1U, Actassi deep cable management panel	ACTRJ1UCMPC

RJ1UCMPS



1U, Actassi shallow cable management panel	ACTRJ1UCMPS
--	-------------

P110577



Tool

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

Description	Ref. No
Punch down tool LSA Contacts	VDIB299001

P113144



Others

Description	Ref. No
Ericsson rack panel mounting accessory	VDIM18W001

19" power panel 16 A or 10 A/250 V

- Profile: 1U height ALU Anodize
- Sockets: 2-pole with earthing contact 16 A or 10 A, 250 V AC, 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	Ref. No
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

With protected light switch

Description	Ref. No
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	Ref. No
Power panel 7 x Schuko outlets according to DIN 49 440	VDIG164731





VDIM61212B
VDIM61112B



VDIM61712B

Consolidation box for RJ45 and optic fibers

- Consolidation box for 12 RJ45 (without RJ45 jacks)
- One reference per RJ45 footprint: S-ONE, S-ONE DPM and Keystone.
- Compatible for Shielded and Unshielded RJ45
- Compatible for Cat 5e, Cat 6 and Cat 6_A categories of RJ45
- Earthing kit provided
- Metal sheet: thickness 1.2 mm. Black color
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for STP versions
- Size: height 22 mm, width 16 mm, length 36 mm
- Operational temperature range: -10°C to 60°C
- Delivered in carton box.

Description	Ref. No
For S-ONE RJ45	
Consolidation box 12 ports S-ONE STP unloaded	VDIM61212B
For S-ONE DPM RJ45	
Consolidation box 12 ports S-ONE DPM STP unloaded	VDIM61112B
For S-110 Keystone RJ45	
Consolidation box 12 ports Keystone STP unloaded	VDIM61712B



ACTPG6TLU001



ACTPG6ATLU001



ACTPG6ATLS001



Field Termination plug RJ45

- Field termination plug RJ45 to make last meters links of cabling installation
- Shielded and Unshielded male plug RJ45 types
- Compatible for Cat 6 and Cat 6_A categories of links
- Simple clicking connectors for mounting
- Size: height 22 mm, width 16 mm, length 36 mm
- Operational temperature range: -10°C to 60°C
- Delivered in individual plastic bag.

Description	Ref. No
Field termination plug Cat 6 UTP	ACTPG6TLU001
Unshielded solution	
Field termination plug Cat 6 _A UTP unshielded	ACTPG6ATLU001
Shielded solution	
Field termination plug Cat 6 _A STP shielded	ACTPG6ATLS001



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Actassi Fibre solution

The New Product Regulation CPR is made to increase **security** for **people** and **assets** inside buildings.
It concerns the fire performances of **Fibre Optic** and **Copper cables** permanently installed in buildings.
See CPR presentation page 58

Connectors	110
EMEAS	110
Cables	112
EMEAS	114
APAC	118
Patch cords	122
LC fibre patch cords	125
SC fibre patch cords	126
Pigtails	125
LC fibre pigtails	125
SC fibre pigtails	126
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HD panels	132
Consolidation box: refer to page	99
Adaptors	135
EMEAS	135
APAC	136
Power panels: refer to page	98



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.



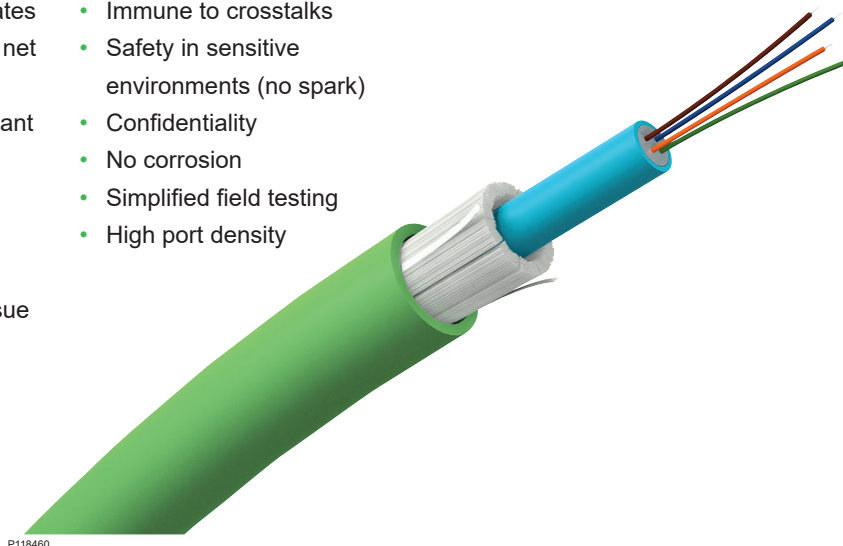
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The Actassi 19" fibre optic panel is one of the most installation and user-friendly panels on the market. Quick-fix, sliding function, integrated guiding panel, excellent protection and clear marking, coiling wheels and much more.

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 OM2 and OM3, but also OM4. OM5 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.

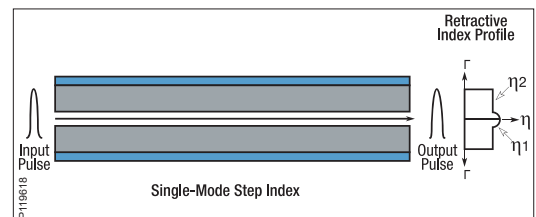
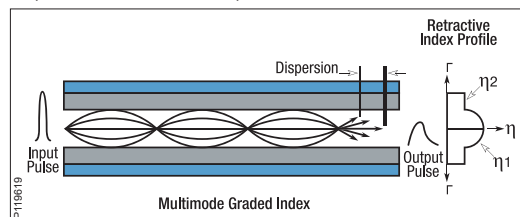
Two types of fibres: Multimode and Single-mode

Multimode (OM2, OM3, OM4, OM5)

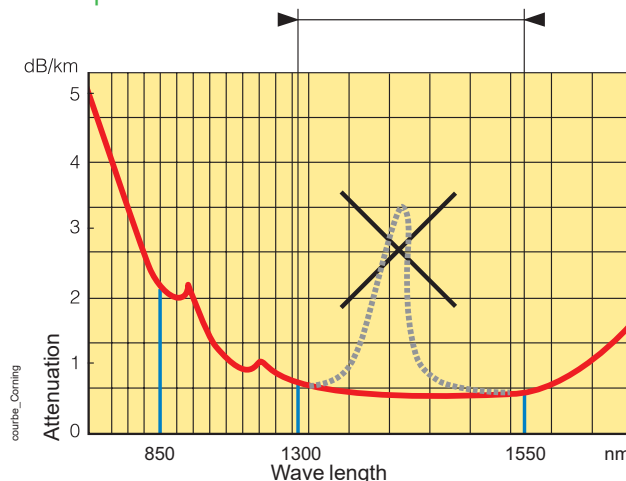
- 4 ranges of multimode optic fibres performances: OM2 50/125, OM3 50/125, OM4 50/125 and OM5 50/125. Meeting the markets needs up to 10 Gigabit/s.
- OM4 50/125 performance. Meeting the markets needs for speeds beyond 40 Gigabit/s and 100 Gigabit/s.
- OM5 is a new type of multimode fiber supporting four wavelengths (850-950 nm), supporting Shortwave Wavelength Division Multiplexing (SWDM) applications with longer reach.
- 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).

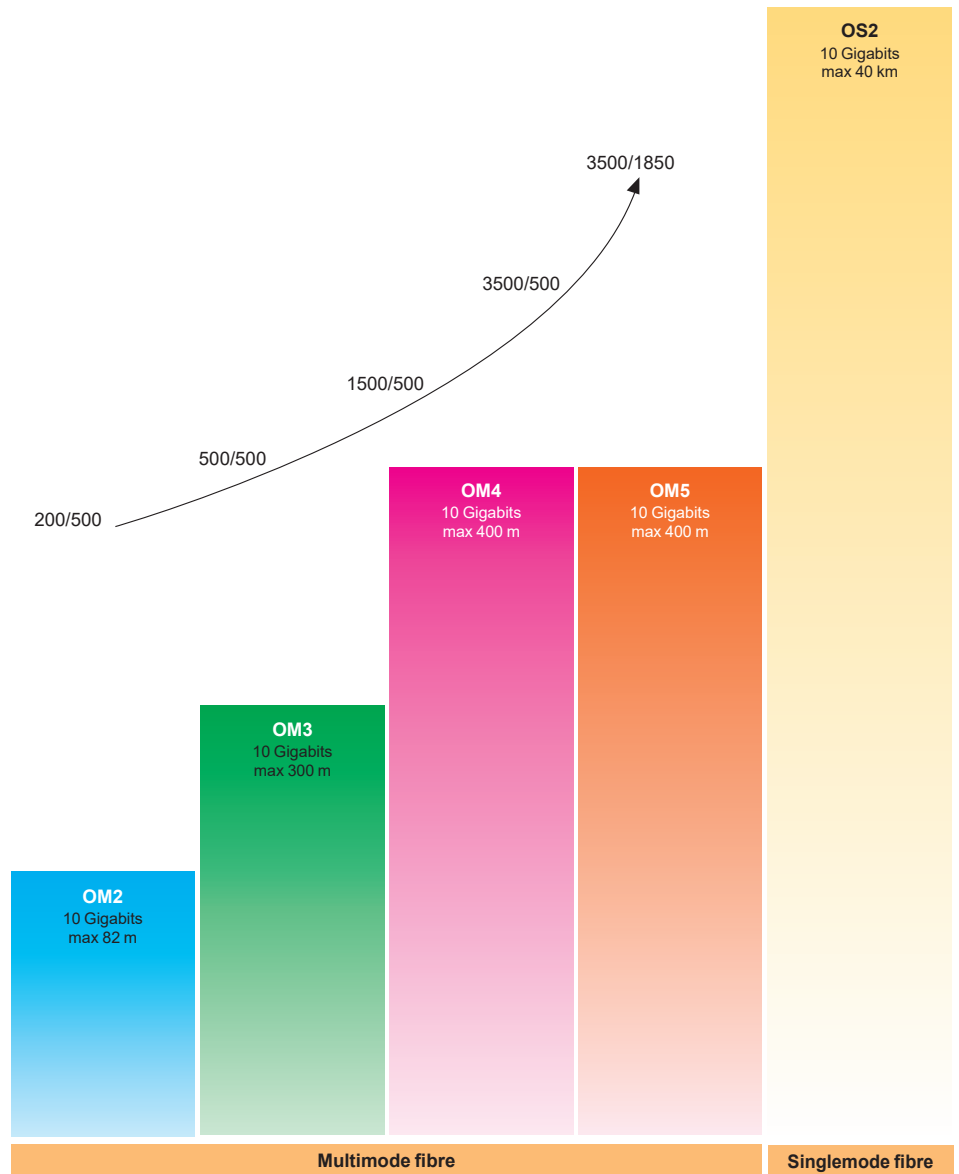


Full Spectrum Fibre





Supports all kinds of network applications



Applications	Wavelength	Multimode fibre				Singlemode fibre
		OM2 50/125 µm	OM3 50/125 µm	OM4 50/125 µm	OM5 50/125 µm	OS2 9/125 µm
Overfilled Bandwidth (MHz.km)	850/1300 nm	500/500	1500/500	3500/500	3500/1850	-
100 Gbit/s (100GBASE-SR10)	850 nm	-	100 m	150 m	150 m	-
100 Gbit/s (100GBASE-SR4)	850 nm	-	70 m	100 m	100 m	-
100 Gbit/s SWDM4	-	-	75 m	100 m	150 m	-
100 Gbit/s (100GBASE-LR4/ER4)	1310/1550 nm	-	-	-	-	10 km/40 km
40 Gbit/s (40GBASE-SR4)	850 nm	-	100 m	150 m	150 m	-
40 Gbit/s SWDM4	-	-	240 m	350 m	440 m	-
40 Gbit/s (40GBASE-LR4/ER4)	1310/1550 nm	-	-	-	-	10 km/40 km
25 Gbit/s (25GBASE-SR)	850 nm	-	70 m	100 m	100 m	-
25 Gbit/s (25GBASE-LR/ER)	1310/1550 nm	-	-	-	-	10 km/40 km
10 Gbit/s (10GBASE-SR)	850 nm	82 m	300 m	400 m	400 m	-
10 Gbit/s (10GBASE-LR/ER)	1310/1550 nm	-	-	-	-	10 km/40 km
1 Gbit/s (1000BASE-SX)	850 nm	550 m	1 km	-	-	-
1 Gbit/s (1000BASE-LX)	1300 nm	550 m	550 m	-	-	5 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"
Camsplice	Loose tube fibre to Loose tube fibre	Ceramic	Emergency restoration	 3 minutes	 Toolkit


 Minimum installation time

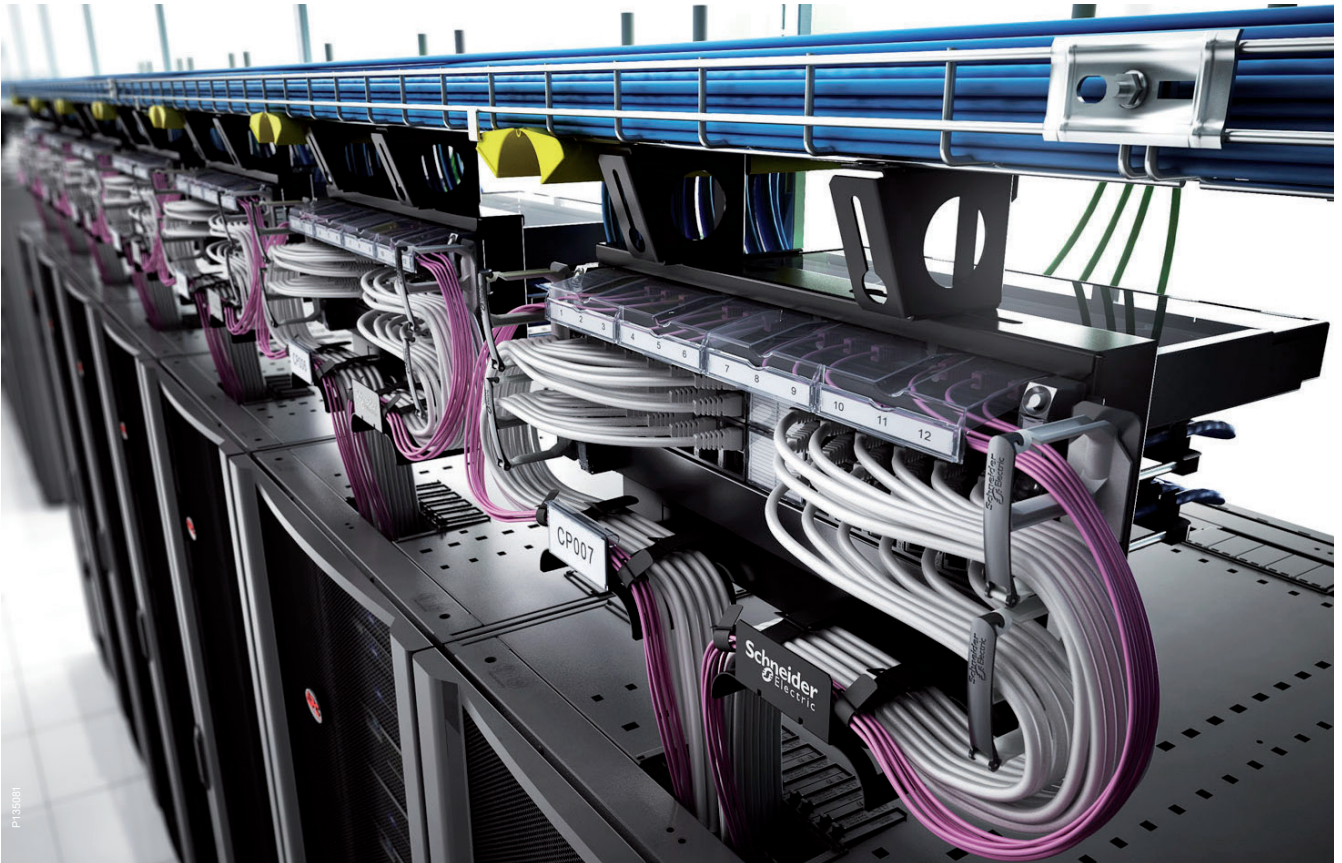
 Medium installation time

 Maximum installation time

 Minimum skills and equipment

 Medium skills and equipment

 Maximum skills and equipment



PI 350091

3

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



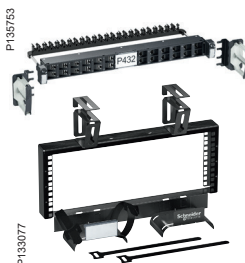
Actassi is a global and scalable network connectivity infrastructure solution for buildings and data centres. It's easy to install, easy to operate and is certified by a third-party independent laboratory at the highest Cat 6_A international standards.

Actassi Standard offer



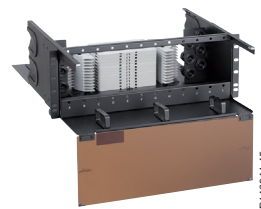
A complete range of RJ45 connectors, 19" panels, cables and enclosures.

Actassi Specific Data Centre offer



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

Actassi 19-HD Fibre Panel



One panel for 2 solutions, accepts pre-terminated cassettes and optional splice trays for fusion splicing.

Actassi fibre optic solutions for all your needs

Actassi 19-C Basic fibre panel



Actassi 19-C Standard panel



Actassi 19-HD Fibre panel



	<p>Medium & small buildings</p> <p>From 1 to 5 racks</p> <p>10 G ready</p>	<p>Standard & high productivity buildings</p> <p>From 1 to 5 racks</p> <p>10 G ready</p>	<p>High productivity, buiding, small data centres</p> <p>From 1 to 10 racks</p> <p>10 G ready</p>
Data centre type	Small server rooms, Network closet	Small server rooms, Network closet	Server rooms, Network closet, Enterprise, Corporate
Performance	OM3 / OM4 / OS2		
Density Fibre capacity	19-C -> 48 fibres in 1U	19-C -> 48 fibres in 1U	HD -> 72 fibres in 1U HD -> 288 fibres in 4U
Connectivity type	LC / SC	LC / SC / ST	LC / SC
Key features	<ul style="list-style-type: none"> ■ Simple sliding fibre optic panel ■ Basic fibre cabling ■ Direct termination or fusion splice 	<ul style="list-style-type: none"> ■ Standard sliding fibre optic panel ■ Standard fibre cabling ■ Direct termination or fusion splice 	<p>High density, space optimization</p> <ul style="list-style-type: none"> ■ Standard sliding fibre optic panel ■ Standard fibre cabling ■ Direct termination or fusion splice



Connectors

EMEAS

Unicam

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

Unicam multimode connectors

Type	Qty/pack	Ref. No
Unicam connector OM3/OM4 50/125 SC	1	VDIB502301U
Unicam connector OM3/OM4 50/125 LC	1	VDIB504301U

P67223



P133691

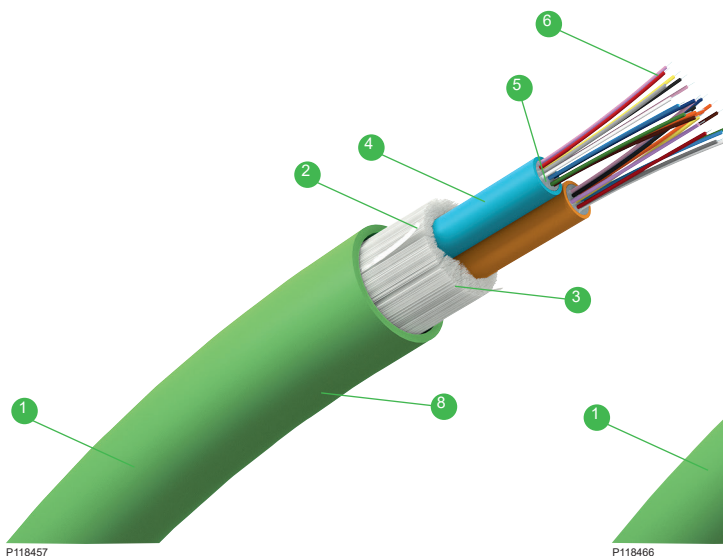




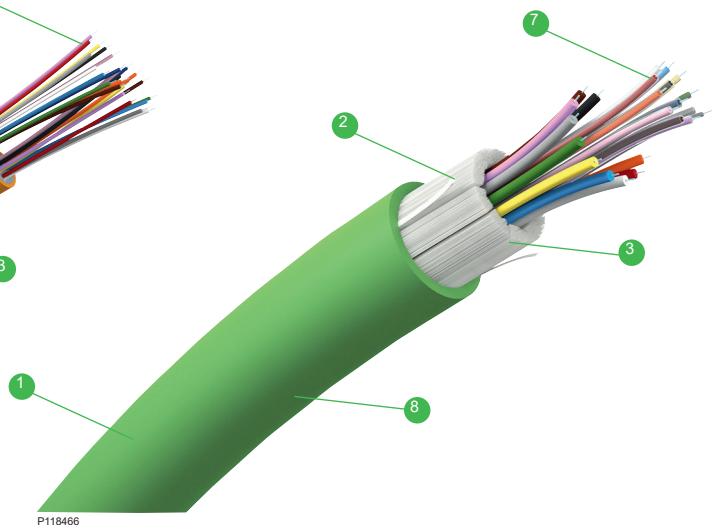
Actassi fibre optic cables

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 radius: 10 x diameter (static) and 20 x diameter (dynamic)
- Reduced diameter and increased installation space.

Packaging

Sustainable packaging of the cables.



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).

Flame retardant

Flame retardant (self extinguishing) according to IEC 60332-1.

Fire retardant

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



RoHS and REACH

RoHS compliance according to UE directive.
REACH compliance.
PeP available for the range.

Cables

EMEAS

Range Loose tube

FL-C Loose tube Fibre optic cables

Specifications

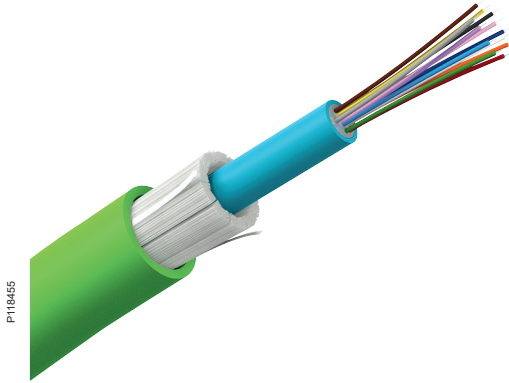
- Compact and universal cables suitable for indoor and specific outdoor installations:
- low Smoke Zero Halogen (LSZH) green coloured external sheath
- UV resistant
- dielectric
- high tensile strength
- rodent retardant
- longitudinally watertight
- Loose tube gel-filled cable construction with 250 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),
- Euroclass D_{CA} s₂ d₂ a₂.

Performances

- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801 Ed3.0 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801 Ed3.0 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801 Ed3.0 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 pigtailed by fusion or mechanical splices.



P1184455



Cables

EMEAS

Range Loose tube

OM3 50/125 µm			
Type	Length	Ref. No	
Optic cable Indoor/outdoor OM2 50/125 µm multimode fibres, green overall jacket.			
OM3 50/125, Loose tube, 6 fibres	2100 m	VDICD52306L	
OM3 50/125, Loose tube, 12 fibres	2100 m	VDICD52312L	
OM3 50/125, Loose tube, 24 fibres	2100 m	VDICD52324L	

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	VDICD52406L	
OM4 50/125, Loose tube, 12 fibres	2100 m	VDICD52412L	
OM4 50/125, Loose tube, 24 fibres	2100 m	VDICD52424L	

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	VDICD52504L	
OS1/OS2 9/125, Loose tube, 6 fibres	2100 m	VDICD52506L	
OS1/OS2 9/125, Loose tube, 8 fibres	2100 m	VDICD52508L	
OS1/OS2 9/125, Loose tube, 12 fibres	2100 m	VDICD52512L	
OS1/OS2 9/125, Loose tube, 24 fibres	2100 m	VDICD52524L	

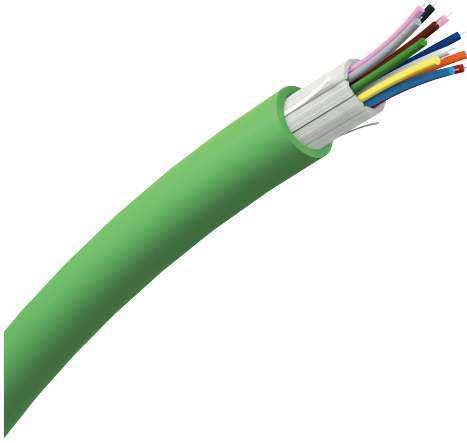


Cables

EMEAS

Range Tight buffered

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) ,
- Euroclass D_{CA} s₂ d₂ a₂.

Performances

- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801 Ed3.0 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801 Ed3.0 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801 Ed3.0 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).



Cables

EMEAS

Range Tight buffered

		OM3 50/125 µm		
		Type	Length	Ref. No
Optic cable Indoor/outdoor OM2 50/125 µm multimode fibres, green overall jacket.				
P118461 P120010		OM3 50/125, Tight buffered, 2 fibres	2100 m	VDICD52302T
P118463 P120006		OM3 50/125, Tight buffered, 6 fibres	2100 m	VDICD52306T
P118465 P120008		OM3 50/125, Tight buffered, 12 fibres	2100 m	VDICD52312T
P118466 P120009		OM3 50/125, Tight buffered, 24 fibres	2100 m	VDICD52324T
		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	VDICD52406T
P118465 P120008		OM4 50/125, Tight buffered, 12 fibres	2100 m	VDICD52412T
P118466 P120009		OM4 50/125, Tight buffered, 24 fibres	2100 m	VDICD52424T
		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	2100 m	VDICD52506T
P118465 P120008		OS1/OS2 9/125, Tight buffered, 12 fibres	2100 m	VDICD52512T
P118466 P120009		OS1/OS2 9/125, Tight buffered, 24 fibres	2100 m	VDICD52524T





Cables

APAC

Indoor building cables, LSZH

Indoor duct cables

The Actassi indoor building cable is designed to provide superior optical performance. These flexible, flame retardant cables are for use indoors. All cables use high quality single-mode or multi-mode fibres. Each fibre is coated to 900 microns with durable, protective material. buffers are colour-coded. The buffered fibres are surrounded by aramid yarns for strength, and are covered with Low Smoke Zero Halogen (LSZH) sheath to meet tough emission control.

Product features

- High quality and compact design
- Small diameter and bend radius
- Compliant with Bellcore GR-409-core and ANSI/TIA/EIA-568C, ISO/IEC 11801 standards.

Customer benefits

- Easy to terminate
- Easy installation in space constrained area.

General specifications

Fibre selections	
Single-mode	OS2, BISMf (bend-insensitive G.657A2)
Multi-mode	OM1, OM2, OM3, OM4
Cable sheath colours	
Single-mode	Yellow
Multi-mode	Orange (OM1, OM2) Aqua (OM3, OM4)

TBCASMP/C_TightBufferIdg



ACTNDB04SM9FR

Description

Description	Ref. No
Indoor building, xx-core, 9/125 µm single-mode OS2, LSZH	ACTNDxxSM9LS

Where **xx** denotes fibre counts (e.g. 02/04/06/08/12/16/24/48).



Cables

APAC

Unitube light-armoured cables

The Actassi Unitube light-armoured cable features a loose tube, made of a high modulus plastic. The tube is filled with a water-resistant filling compound and is longitudinally wrapped with a layer of Polyethylene Steel Polyethylene (PSP). Between the PSP and the loose tube, water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is covered with a polyethylene (PE) sheath.

Product features

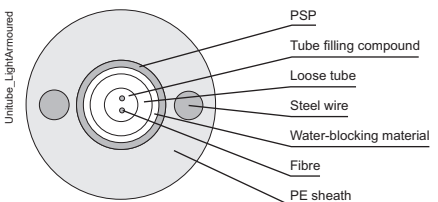
- Accurate fibre excess length
- High strength loose tube
- Specially designed compact structure and PE sheath
- Crush resistant and flexible
- PSP enhances the cable’s crush-resistance, impact-resistance and moisture-proofing
- Two parallel steel wires ensure tensile strength
- Small diameter, lightweight and hassle-free installation
- Long delivery length

Customer benefits

- Accurate fibre excess length ensures good mechanical and temperature performance.
- High strength loose tube is hydrolysis resistant and special tube filling compound ensures critical protection of fibre.
- Specially designed compact structure prevents loose tubes from shrinking.
- PE sheath protects cable from ultra-violet radiation.
- Flame-retardant sheath protects cable from fire.



ACTUDUTLA04SM9



Description	Ref. No
Unitube light-armoured, xx-core, 9/125 µm single-module OS2, PE	ACTUDUTLaxxSM9
Unitube light-armoured, xx-core, 50/125 µm multi-module OM3, PE	ACTUDUTLaxxMM5T

Where **xx** denotes fibre counts (e.g. 04/06/08/12/16/24).





Cables

APAC

Stranded loose tube light-armoured

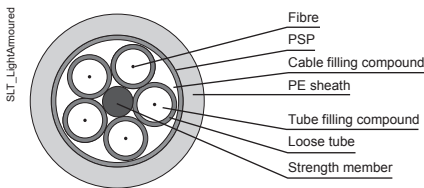
The Actassi Stranded loose tube light-armoured cable is housed in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sheathed with polyethylene (PE) is used for cables with high fibre counts and is located in the core centre to act as a metallic strength member. Tubes and fillers are stranded around the strength member into a compact and circular cable core. Polyethylene Steel Polyethylene (PSP) is longitudinally applied over the cable core, and the core is then filled with a filling compound to protect it from water ingress. The cable is covered with a PE sheath.

Product features

- Accurate fibre excess length
- High strength loose tube
- Specially designed compact structure
- Crush resistant and flexible
- Tight water-resistant measures - steel wire used as central strength member, loose tube filling compound, 100 % cable core filling, PSP enhancing moisture-proofing and water-blocking material.

Customer benefits

- Accurate fibre excess length ensures good mechanical and temperature performance
- High strength loose tube is hydrolysis resistant and special tube filling compound ensures critical protection of fibre
- Specially designed compact structure prevents loose tubes from shrinking.



Description	Ref. No
Stranded loose tube light-armoured, xx-core, 9/125 μm single-module OS2, PE	ACTUDSLLAxxSM9

Where **xx** denotes fibre counts (e.g. 04/06/08/12/16/24/30/36/48/72/96/144).



Cables

APAC

Stranded loose tube armoured cables

The Actassi Stranded loose tube Armoured cable (with moisture barrier) is housed in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sheathed with polyethylene (PE) is used for cables with high fibre counts and is located in the core centre to act as a metallic strength member.

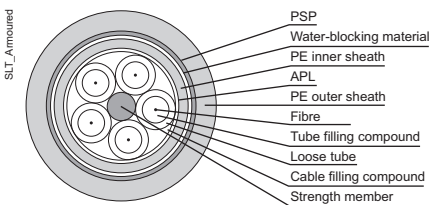
Tubes and fillers are stranded around the strength member into a compact and circular cable core. An Aluminium Polyethylene Laminate (APL) is applied around the cable core, which is then filled with filling compound to protect it from water-ingress. The cable core is covered with a thin PE inner sheath. After the Polyethylene Steel Polyethylene (PSP) is longitudinally applied over the inner sheath, the cable is covered with a PE outer sheath.

Product features

- Accurate fibre excess length
- High strength loose tube
- Specially designed compact structure
- Crush resistant and flexible
- Tight water-resistant measures - steel wire used as central strength member, loose tube filling compound, 100 % cable core filling, APL moisture barrier, PSP enhanced moisture-proofing and water-blocking material.

Customer benefits

- Accurate fibre excess length ensures good mechanical and temperature performance
- High strength loose tube is hydrolysis resistant and special tube filling compound ensures critical protection of fibre
- Specially designed compact structure prevents loose tubes from shrinking.



Description	Ref. No
Stranded loose armoured, xx-core, 9/125 µm single-module OS2, PE	ACTUDSLAMxxSM9

Where xx denotes fibre counts (e.g. 04/06/08/12/16/24/30/36/48/72/96/144).

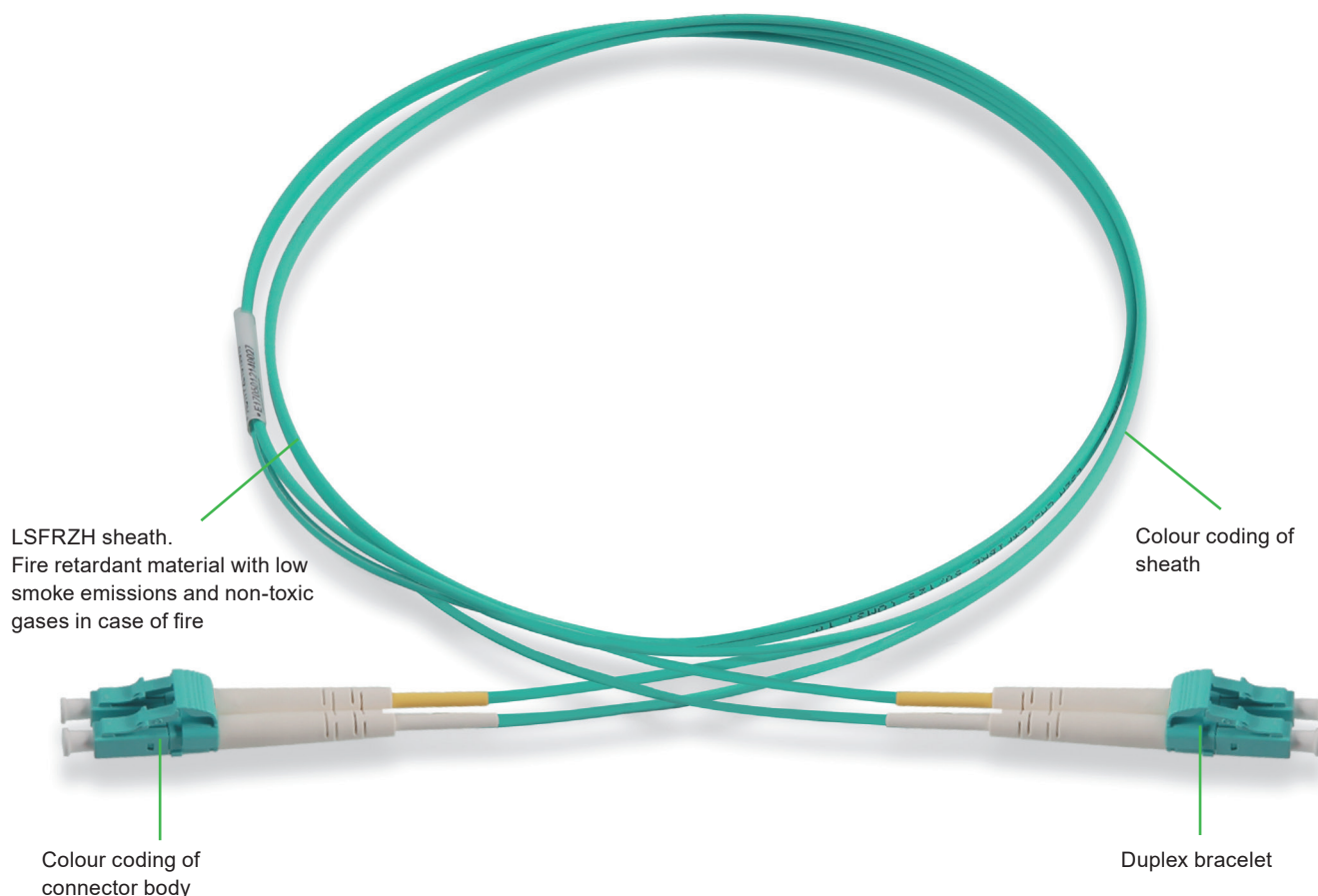


Actassi fibre optic patch cords

Actassi fibre optic patch cords ensure a reliable transmission in data networks. They are available with SC and LC connectors (ST, FC connectors are also available upon special requests), from multimode (OM2, OM3, OM4) to single-mode OS2 performances, in different lengths to cover all installation needs.

All fibre optic patch cords are compliant with ISO/IEC 11801 Ed3.0 and provide safe plug & play with a high quality thanks to the performances, the LSFRZH sheath (LSZH with fire retardant properties) and the warranties.

LC_LC_2_anjour.eps



Patch cords

LC fibre patch cords

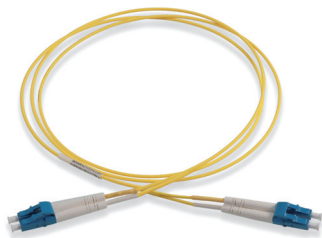
The simplex and duplex LC fibre patch cords are 1.6 mm mini cordage with push-pull LC connectors terminated on each end. These patch cords are available in duplex, multi-mode and single-mode configurations.

Product features

- Meets ANSI/TIA/EIA 568-C.3 and ISO/IEC 11801 standards
- Patch cords are available in single-mode and multi-mode configurations with different length options
- Cords are easy-to-install and environmentally stable
- Low Smoke Zero Halogen (LSZH) sheath compliant to IEC 60332-3C
- Insertion loss: ≤ 0.2 dB.

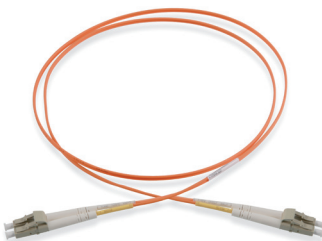
Customer benefits

- Supports LAN, WAN and active device termination
- Provides a reliable and durable connection solution
- Bending insensitive OM3 & OM4 fibres
- All cords are factory terminated and tested.



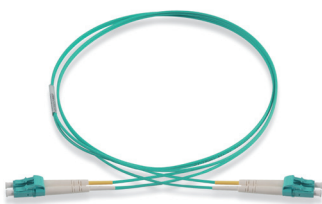
LC_LC_SM_duplex_patch_cord_eps

LC-LC Duplex OS2



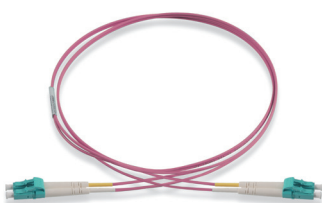
LC_LC_OM1_OM2_duplex_p_c_eps

LC-LC Duplex OM2



LC_LC_2_anqua_eps

LC-LC Duplex OM3



LC_LC_2_anqua_M_eps

LC-LC Duplex OM4

Description	Ref. No
Duplex OS2, single-mode	
LC-LC duplex, single-mode, patch cord, 1 m	ACTFP2L1S19S10
LC-LC duplex, single-mode, patch cord, 2 m	ACTFP2L1S19S20
LC-LC duplex, single-mode, patch cord, 3 m	ACTFP2L1S19S30
Duplex OM2, multi-mode	
LC-LC 50 μ m, duplex, multi-mode, patch cord, 5 m	ACTFP2L1M25M50
Duplex OM3, multi-mode	
LC-LC OM3 50 μ m, duplex, multi-mode, patch cord, 1 m	ACTFP2L1M35M10
LC-LC OM3 50 μ m, duplex, multi-mode, patch cord, 2 m	ACTFP2L1M35M20
LC-LC OM3 50 μ m, duplex, multi-mode, patch cord, 3 m	ACTFP2L1M35M30
Duplex OM4, multi-mode	
LC-LC OM4 50 μ m, duplex, multi-mode, patch cord, 2 m	ACTFP2L1M45M20
LC-LC OM4 50 μ m, duplex, multi-mode, patch cord, 3 m	ACTFP2L1M45M30
LC-LC OM4 50 μ m, duplex, multi-mode, patch cord, 5 m	ACTFP2L1M45M50



Patch cords

SC fibre patch cords

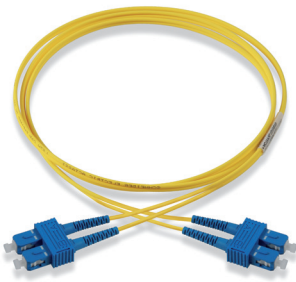
The simplex and duplex SC fibre patch cords are 1.6 mm mini cordage with push-pull SC connectors terminated on each end. These patch cords are available in duplex, multi-mode and single-mode configurations.

Product features

- Meets ANSI/TIA/EIA 568-C.3 and ISO/IEC 11801 standards
- Patch cords are available in simplex, duplex, single-mode and multi-mode configurations with different length options
- Cords are easy-to-install and environmentally stable
- Low Smoke Zero Halogen (LSZH) sheath compliant to IEC 60332-3C.

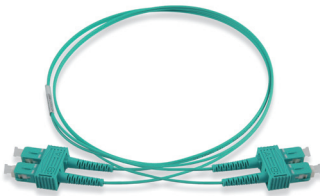
Customer benefits

- Supports LAN, WAN and active device termination
- All cords are factory terminated and tested
- Provides a reliable and durable connection solution.



SC_SC_SM_duplex_patch_cord.eps

SC-SC Duplex OS2



SC_SC_OM3_OM4_duplex_1_c.eps

SC-SC Duplex OM3

Description	Ref. No
Duplex OS2, single-mode	
SC-SC duplex, single-mode, patch cord 1 m	ACTFP2C1S19S10
SC-SC duplex, single-mode, patch cord 3 m	ACTFP2C1S19S30
Duplex OM3, multi-mode	
SC-SC OM3 50 µm duplex, multi-mode, patch cord 1 m	ACTFP2C1M35M10
SC-SC OM3 50 µm duplex, multi-mode, patch cord 3 m	ACTFP2C1M35M30

Pigtails

LC fibre pigtails

The simplex LC fibre pigtails are 0.9 mm tight buffed fibre with push-pull LC connectors terminated on each end. These pigtails are available in simplex multi-mode and single-mode configurations.

Product features

- Meets ANSI/TIA/EIA 568-C.3 and ISO/IEC 11801 standards
- Patch cords are available in simplex, single-mode and multi-mode configurations with different length options
- Cords are easy-to-install and environmentally stable
- Low Smoke Zero Halogen (LSZH) sheath compliant to IEC 60332-3C.

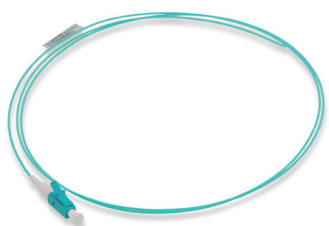
Customer benefits

- Supports LAN, WAN and active device termination
- Provides a reliable and durable connection solution
- All cords are factory terminated and tested.



LC OS2 pigtail

LC_SM_pigtail.eps



LC OM3 pigtail

LC_OM3_pigtail.eps



LC OM4 pigtail

LC_OM4_pigtail_M.eps

Description	Ref. No
OS2, single-mode	
LC, single-mode, pigtail, 1.0 m	ACTFT1L1S19S10
OM3, multi-mode	
LC, 50 µm, multi-mode, pigtail, 1.0 m	ACTFT1L1M35M10
OM4, multi-mode	
LC, 50 µm, multi-mode, pigtail, 1.0 m	ACTFT1L1M45M10



Pigtails

SC fibre pigtails

The Simplex SC fibre pigtails are 0.9 mm tight buffer fibre with push-pull SC connectors terminated on each end. These pigtails are available in simplex single-mode and multi-mode configurations.

Product features

- Meets ANSI/TIA/EIA 568-C.3 and ISO/IEC 11801 standards
- Patch cords are available in simplex, single-mode and multi-mode configurations with different length options
- Cords are easy-to-install and environmentally stable
- Low Smoke Zero Halogen (LSZH) sheath compliant to IEC 60332-3C.

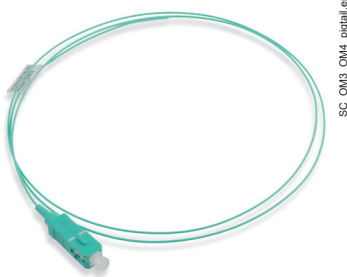
Customer benefits

- Supports LAN, WAN and active device termination
- Provides a reliable and durable connection solution
- All cords are factory terminated and tested.



SC_blue.eps

SC OS2 pigtail



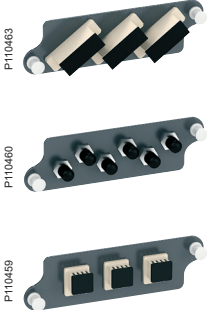
SC_OM3_OM4_pigtail.eps

SC OM3 pigtail

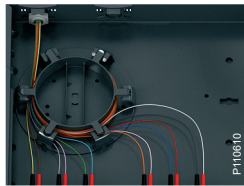
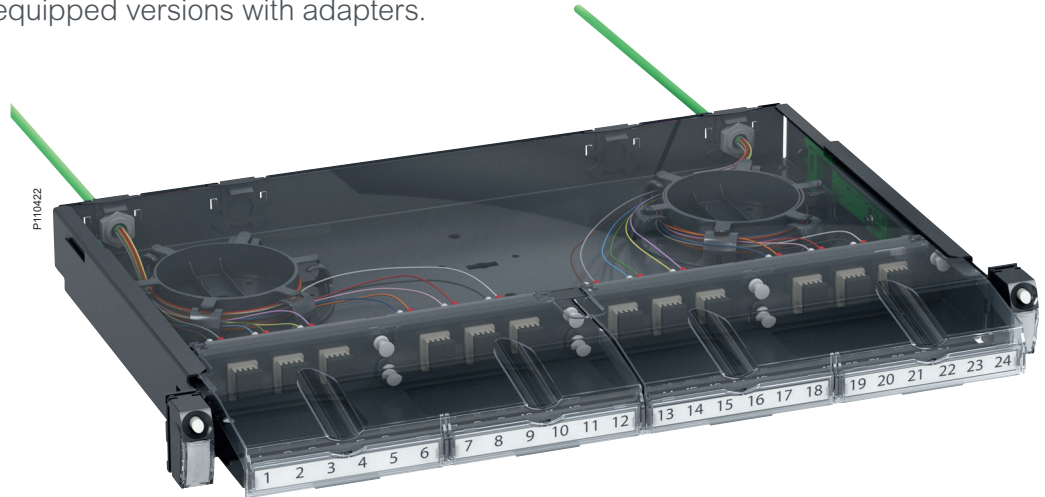
Description	Ref. No
OS2, single-mode	
SC, single-mode, pigtail, 1.0 m	ACTFT1C1S19S10
OM3, multi-mode	
SC, OM3, 50 µm, multi-mode, pigtail, 1.0 m	ACTFT1C1M35M10

Actassi 19-C fibre 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.

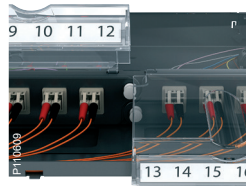


To match your fibre optic panel we have developed a range of pre-equipped cover-plates. It's a time-saving, safer and smarter way to work with your installations.



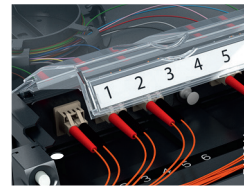
Coiling wheels

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.



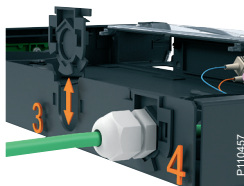
Clear marking

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



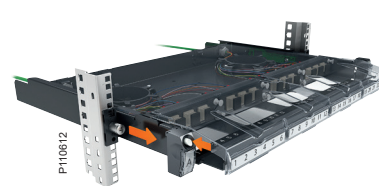
Integrated guiding panel

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.



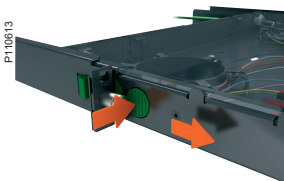
Rear quick fixation

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!

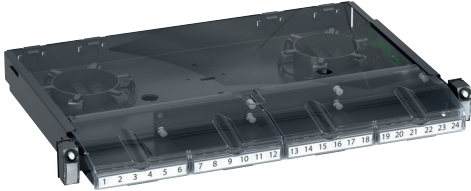


Sliding function

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



P11286



Evolution universal sliding fibre optic panel 1U

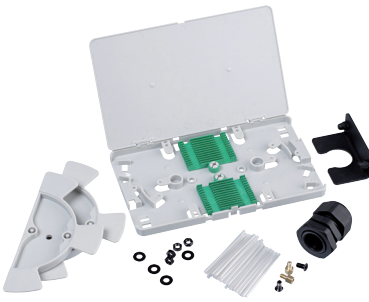
- Universal sliding 19" fibre optic panel with 4 positions, equipped with 3 blank plates. The 1st position is empty and is to be fitted with suitable coverplate
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Removable transparent cover mounted
- Fibre 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	Ref. No
Evolution fibre optic panel 1U with 3 blank plates	VDIG150991V2

P14854



Splice tray

- Delivered with a cover and accessories
- Maximum 2 x 1U fusion splice tray kit can be stacked inside 19-C fibre panel
- Ready to install: fusion splice holders & heat shrink tube included.

Description	Ref. No
1U Fusion splice tray kit (max. 24-fibres)	ACTFMSPTKIT

Actassi 19-C Basic fibre panels

This is a cost-effective basic fibre optic panel solution to cater indoor field termination applications. It provides a good inter-connection or cross-connection for fibre backbone installation and LAN network of medium/small building.

The enclosure is mountable in 1U 19" equipment racks or cabinets. This 1U height panel has two unloaded configurations, in which it accommodates with modular LC duplex adapters (max. 24 pcs or 48-fibre) or modular SC duplex adapters (max. 12 pcs or 24-fibre).

The panel consists of two major components: removal top cover lip and sliding drawer. In which, it is to provide protection against dust and humidity. Built-in PG9 cable gland and rubber-seal cable entries are aimed to cater for flexible cable management.



Basic fibre panel 1U

Actassi 1U 19" fibre optic empty panel with LC/SC duplex adapter ports. It provides all basic but specific features to facilitate easy installation and maintenance. A cost-effective fibre optic panel selection for small/medium building installations.

Product features

- 1U metallic powder coated panel in dark grey (RAL 7016)
- Recess design plus removal top cover lip and simple sliding drawer
- Equipped with PG9 (0.7 mm max.) cable gland plus cable entries and fixtures
- Pre-installed plastic covers for protection (partially)
- Compatible with existing fusion splice tray kits (ACTFMSPTKIT)
- Panel dimension and construction comply with EIA/ECA-310-D, IEC 60297.

Customer benefits

- Scalable panel capacity and rack space optimization up to 48-fiber (LC rectangular version)
- Simple sliding function, removable drawer for ease installation/maintenance.
- Fully compatible with optional fusion splice tray kit (24-fibre), modular single-mode or multi-mode LC/SC adaptors
- Quick fixation of incoming fibre cable(s) with provisional PG9 cable gland and fixtures
- Smooth management of bend radius of patch cords by recess panel design
- Fully compatible with 19" open rack & cabinet.

Technical specifications

Panel material	Powder coated mild steel (thickness 1.2 mm)
Panel color	Dark grey (RAL 7016)
Capacity	1U: LC Duplex Adaptors x 24 (max. 48-fibre) 1U: SC Duplex Adaptors x 12 (max. 24-fibre)
Physical dimensions	1U: L480 x D260 x H43 mm (with end flanges)
Standards	EIA/ECA-310-D IEC 60297

Description	Ref. No
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Basic fibre panel, 1U 48F LC duplex, unloaded	ACTFM1UBLC48U
Basic fibre panel, 1U 24F SC duplex, unloaded	ACTFM1UBSC24U

Optional accessories

LC adaptor, duplex, single-mode, zirconia ceramic, plastic	ACTFA2LSMZP
LC adaptor, duplex, multi-mode, zirconia ceramic, plastic	ACTFA2LMMZP
SC adaptor, duplex, single-mode, zirconia ceramic, plastic	ACTFA2CSMZP
SC adaptor, duplex, multi-mode, zirconia ceramic, plastic	ACTFA2CMMZP
1U fusion splice tray kit (max. 24-fiber)	ACTFMSPTKIT



LC Basic fibre panel

P148750-20.eps



SC Basic fibre panel

P148753-20.eps



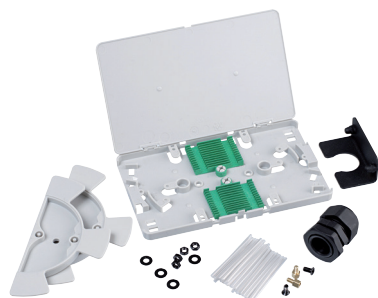
LC adaptor

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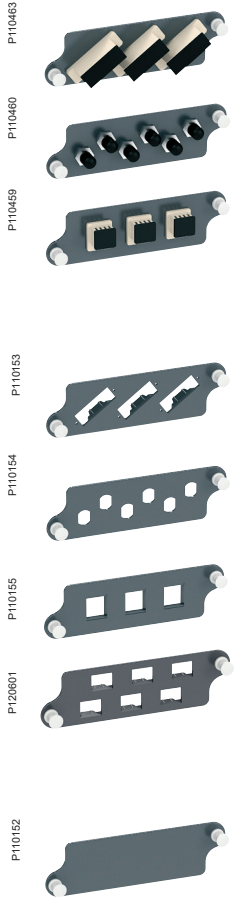
SC adaptor

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Fusion splice tray kit

P148934-40.eps



Plates

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

Coverplates with adapters

Description	Ref. No
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	Ref. No
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 and VDIB6052001).	VDIM155031
Coverplate for 6 LC duplex adapters	VDIM155061

Blank plate

Description	Ref. No
Blank plate for fibre optic panel	VDIM150061



Actassi 19-HD fibre panels



Answering to your high density needs

Actassi 19-HD fibre panel is a superior and compact fibre termination solution for High productivity building and small data centre applications, covering the following requirements:

High density field termination solution

- Accepts 3 adaptor plates, up to 72 ports in 1U
- Accepts 12 adaptor plates, up to 288 ports in 4U
- Space optimization, 50 % more than standard fibre panel

Safety and Protection

- Transparent front cover (with magnetic suction mechanism) provides instant visibility of the connection status also provides perfect protection against dust and humidity
- Radiation safety label is available in the front cover

Scalable and flexible

- Pay as you grow
- Optional snap-in adaptor plates and blank plate
- Fusion splicing is possible with optional splice tray kit sets
- Built-in (adjustable in 1U panel) wiring rings, rubber-seal cable entries are aimed to cater easy cable management
- Single-mode and Multi-mode adaptors are available with color differentiation

Energy efficient thanks to "Green environment"

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



The Actassi 19-HD fibre panel is a superior and compact fibre termination solution. It is mountable in 19" equipment racks or cabinets. The 1U panel accepts maximum 3 adaptor plates with maximum 72 fibres count while 4U panel can accept maximum 12 adaptor plates with maximum capacity of 288 fibres. Built-in (adjustable in 1U panel) wiring rings, rubber-seal cable entries are aimed to cater easy cable management. Transparent front cover (with magnetic suction mechanism) provides instant visibility of the connection status, also provides perfect protection against dust and humidity. Design with multiple applications in mind, the Actassi 19-HD fibre panel can accommodate different types of modular adaptor panel plates and splice trays (optional) to give outstanding performance and functionality.

1U Panel: 400 x 482 x 44 mm

- Compatible with 19" open rack / cabinets (depth > 500 mm)
- 1U panel drawer with sliding rails and stopper lock mechanism
- Optional snap-in adaptor plates / blank plates (max. 3)
- Built-in adjustable cable management rings and cable entries
- Maximum density of 72 fibres (LC version).

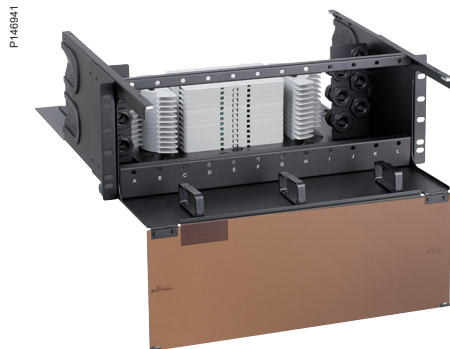
Description	Ref. No
HD fibre panel, 1U, fits up to 3 adaptor plates, Unloaded	ACTMP1U

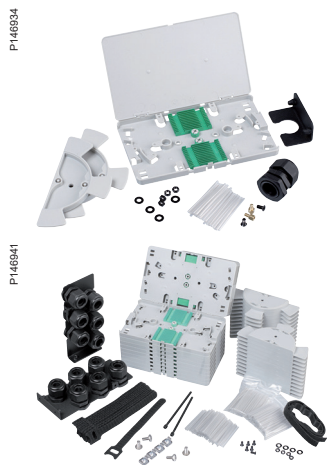
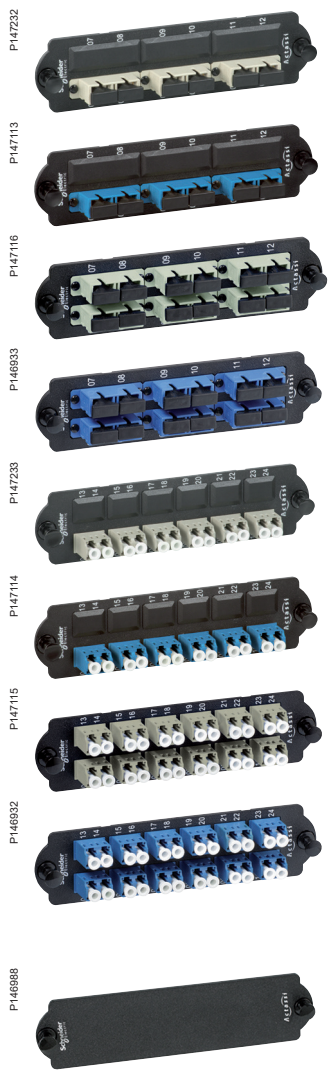


4U panel: 400 x 482 x 175 mm

- Compatible with 19" open rack / cabinets (depth > 500 mm)
- With removal top cover lip
- Optional snap-in adaptor plates / blank plates (max. 12)
- Built-in cable management rings and cable entries
- Maximum density of 288 fibres (LC version).

Description	Ref. No
HD fibre panel, 4U, fits up to 12 adaptor plates, Unloaded	ACTMP4U





Plates

- Blank plates and adapter plates to be fixed on Actassi 19-HD fibre panel ref ACTMP1U and ACTMP4U
- Quick fixation by push-pull rivets
- Zirconia ceramic material ferrules for higher performance.

Coverplates with adapters

Description	Ref. No
Adapter plate with 3 SC duplex beige adapters for multimode OM2/OM3/OM4 (support also singlemode)	ACTFM1UF2SC3PMM
Adapter plate with 3 SC duplex blue adapters for singlemode OS1/OS2 (support also multimode OM2/OM3/OM4)	ACTFM1UF2SC3PSM
Adapter plate with 6 SC duplex beige adapters for multimode OM2/OM3/OM4 (support also singlemode)	ACTFM1UF2SC6PMM
Adapter plate with 6 SC duplex blue adapters for singlemode OS1/OS2 (support also multimode OM2/OM3/OM4)	ACTFM1UF2SC6PSM
Adapter plate with 6 LC duplex beige adapters for multimode OM2/OM3/OM4 (support also singlemode)	ACTFM1UF2LC6PMM
Adapter plate with 6 LC duplex blue adapters for singlemode OS1/OS2 (support also multimode OM2/OM3/OM4)	ACTFM1UF2LC6PSM
Adapter plate with 12 LC duplex beige adapters for multimode OM2/OM3/OM4 (support also singlemode)	ACTFM1UF2LC12PMM
Adapter plate with 12 LC duplex blue adapters for singlemode OS1/OS2 (support also multimode OM2/OM3/OM4)	ACTFM1UF2LC12PSM

Blank plate

Description	Ref. No
Blank adapter plate for ACTMP1U & ACTMP4U	ACTMPBP

Splice tray

- Delivered with a cover and accessories
- Maximum 3 x 1U fusion splice tray kit can be stacked inside 1U HD fibre panel
- Only 1x 4U fusion splice tray kit is needed for 4U HD fibre panel (total 12 splice trays)
- Ready to install: fusion splice holders & heat shrink tube included.

Description	Ref. No
1U Fusion splice tray kit (max. 24-fibres)	ACTFMSPTKIT
4U Fusion splice tray kit (Full Set for up to 288 fibres)	ACTFMSPT4USET



Adaptors

Fibre optic adaptors suitable to connect and align optic connectors (for both applications: optic patchpanels in technical rooms and faceplates at workstation)

Multimode (MM) adaptors

Type	Qty/pack	Ref. No
LC Duplex Adapter sq MM	1	VDIB6051001

P133664



Singlemode (SM) adaptors

Type	Qty/pack	Ref. No
LC Duplex Adapter sq SM	1	VDIB6052001

P133683





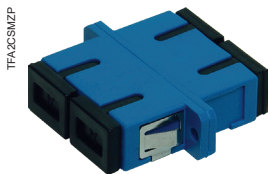
The Actassi fibre optic connectors and adaptors are superior products delivering the best networking performance when used in conjunction with other Actassi fibre optic products.

Specifications

- Fibre optic adapters suitable to connect and align optic connectors (for both applications: optic patchpanels in telecom/equipment 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, ST, LC and MTRJ formats
- zirconia ceramic material ferrules
- snap-in latch.

Performances

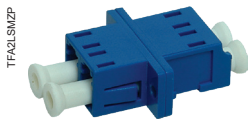
- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed.2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed.2



ACTFA2CSMZP



ACTFA2LMMZP



ACTFA2LSMZP



ACTFA2MSMP

Description	Ref. No
SC adaptors	
SC adaptor, duplex, single-mode, zirconia ceramic, plastic	ACTFA2CSMZP
SC adaptor, duplex, multi-mode, zirconia ceramic, plastic	ACTFA2CMMZP
LC adaptors	
LC adaptor, duplex, single-mode, zirconia ceramic, plastic	ACTFA2LSMZP
LC adaptor, duplex, multi-mode, zirconia ceramic, plastic	ACTFA2LMMZP

A

ACT4P5ESCM3RBxx	70
ACT4P5ESLS3RBxx	70
ACT4P5EUCM3RBxx	70
ACT4P5EULS3RBxx	70
ACT4P6SCM3RBxx	71
ACT4P6SLS3RBxx	71
ACT4P6UCM3RBxx	71
ACT4P6ULS3RBxx	71
ACTFA2CMMZP	130, 136
ACTFA2CSMZP	130, 136
ACTFA2LMMZP	130, 136
ACTFA2LSMZP	130, 136
ACTFM1UBL48U	130
ACTFM1UBSC24U	130
ACTFM1UF2LC6PMM	134
ACTFM1UF2LC6PSM	134
ACTFM1UF2LC12PM	134
ACTFM1UF2LC12PS	134
ACTFM1UF2SC3PMM	134
ACTFM1UF2SC3PSM	134
ACTFM1UF2SC6PMM	134
ACTFM1UF2SC6PSM	134
ACTFMSPT4USET	134
ACTFMSPTKIT	128, 130, 134
ACTFP2C1M35M10	124
ACTFP2C1M35M30	124
ACTFP2C1S19S10	124
ACTFP2C1S19S30	124
ACTFP2L1M25M50	123
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ACTFP2L1S19S10	123
ACTFP2L1S19S20	123
ACTFP2L1S19S30	123
ACTFT1C1M35M10	126
ACTFT1C1S19S10	126
ACTFT1L1M35M10	125
ACTFT1L1M45M10	125
ACTFT1L1S19S10	125
ACTMP1U	133
ACTMP4U	133
ACTMPBP	134
ACTNDxxSM9LS	118
ACTPC6ASFcmxyy	81
ACTPC6ASFLSxyy	81
ACTPC6FUCMxyy	81
ACTPC6FULSxyy	81
ACTPC6UUCMxyy	81
ACTPC6UULSxyy	81
ACTPG6ATLS001	99
ACTPG6ATLU001	99
ACTPG6TLU001	99
ACTPP6ATGS24NSS	91
ACTPP6ATGU24NSS	91
ACTPP6U24NSS_S	90
ACTPP48EMS	95
ACTPPS24NSU	89
ACTRJ1UCMPC	97
ACTRJ1UCMPM	97
ACTRJ1UCMPSC	97
ACTRJSM6NSSP	52
ACTRJSMTG6ANSS	52
ACTRJSMTG6ANSSP	52
ACTTG4P6ASCM3RBU	72
ACTTG4P6AUCM3RBU	72
ACTTG4P6AULS3RWE	72
ACTUDSLAMxxSM9	121
ACTUDSLLAxxSM9	120
ACTUDUTLAxxMM5T	119
ACTUDUTLAxxSM9	119

V

VDIB1736XUBK	50
VDIB1736XUWE	50
VDIB1738XUTN	50
VDIB1771XB01	42
VDIB1771XB12	42
VDIB1771XB96	42

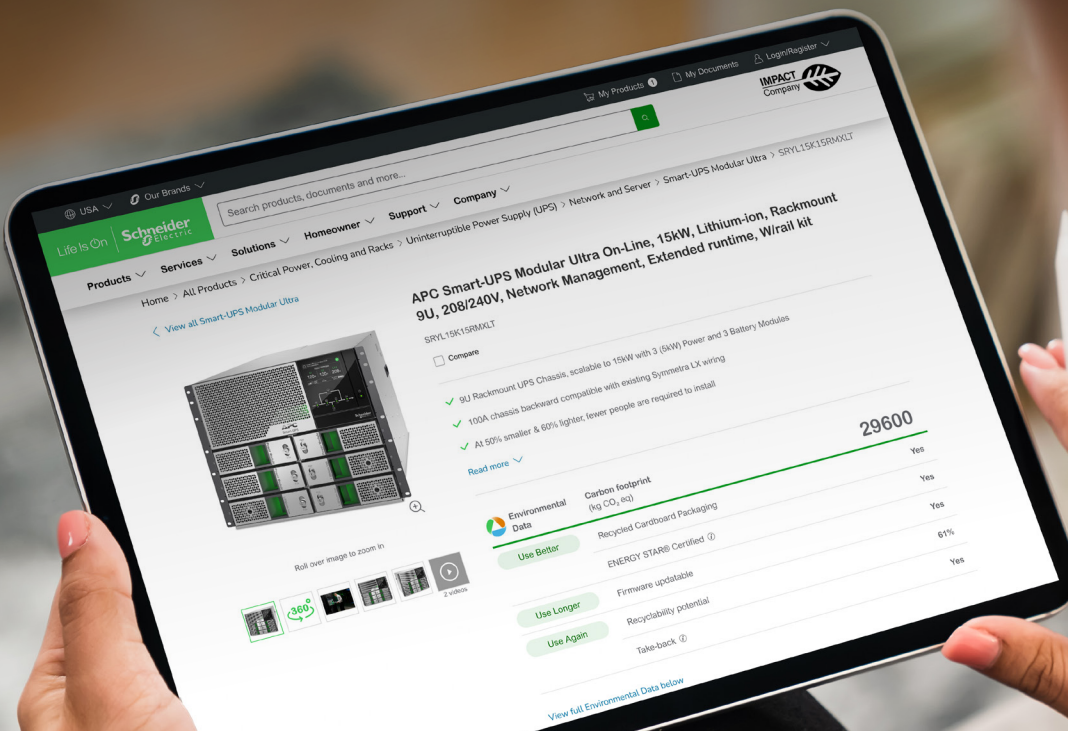
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VDIB1772XU12	36
VDIB2736	53
VDIB17346UWE	49
VDIB17365UBK	48
VDIB17365UWE	48
VDIB17366UBK	49
VDIB17366USG	49
VDIB17366UWE	49
VDIB17386UTN	49
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VDIB17726B96	36
VDIB17726U01	36
VDIB17726U12	36
VDIB299001	97
VDIB502301U	110
VDIB504301U	110
VDIB6051001	135
VDIB6052001	135
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VDICC63X218	66
VDICC64X228	67
VDICC68X218	69
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VDICD136218	63



VDICD136228	63
VDICD626218	65
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VDICD658218	68
VDICP4X00501	79
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VDICP1601001	79
VDIEB17266UBK	51
VDIEB17266UWE	51
VDIEG113241U	91
VDIEG113241U50	91
VDIEG113241U60	91
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VDIG012241F	86
VDIG018241BX0	87
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VDIG112241U	86
VDIG118241B60	87
VDIG118241BX0	87
VDIG118241U50	87
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Environmental Data Program

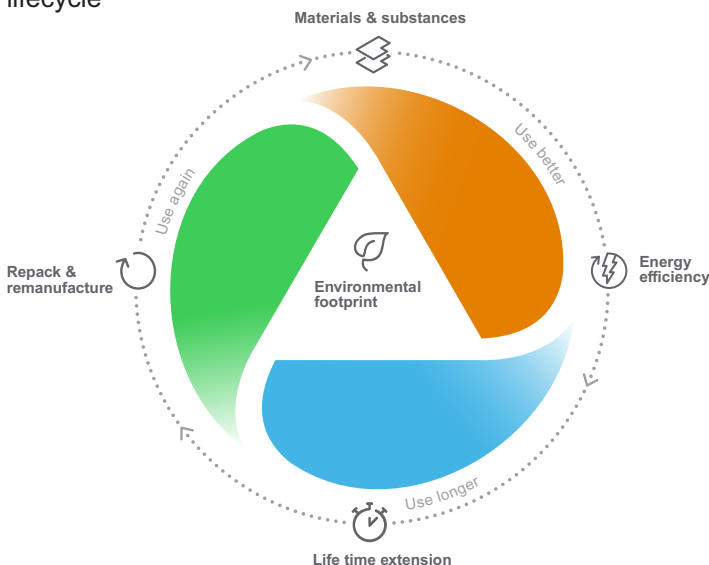


Next-level transparency for better-informed product choices

The Environmental Data Program is a framework for how we measure, categorize, and compare the environmental attributes and footprint of our products.

Using a rigorous, fact-based methodology, the program provides environmental data from across the product lifecycle.

Five data categories across the product lifecycle



Use Better: How sustainable a product is, including environmental footprint, materials and substances, packaging, and energy efficiency.

Use Longer: How a product's life time can be effectively extended in terms of reparability and updatability.

Use Again: How a product can be reused, from dismantling and remanufacturing to recyclability and manufacturer take back.

With this transparent, verified data, customers and partners are empowered to make conscious environmental choices and accurately evaluate and report on sustainability performance.

All our hardware offers have an associated environmental data available on se.com product pages.



Learn more about the **Environmental Data Program**



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