

Tertiary & Data Center

CABLING SYSTEM
FOR OFFICES, DATA CENTERS AND CAMPUSES

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ACOME GROUP

ACOME is a French group specialized in the manufacturing of high-tech cables for the telecommunications and automotive markets. ACOME develops and produces high-quality products and solutions for building networks.

As France's leading worker cooperative (SCOP), with a turnover of €600 million, ACOME is a pioneer and a leader in innovative solutions for private infrastructure networks in the telecommunications, railway and building sectors.



600M€

TURNOVER

including **12%** from our Building, City & Transport activities.



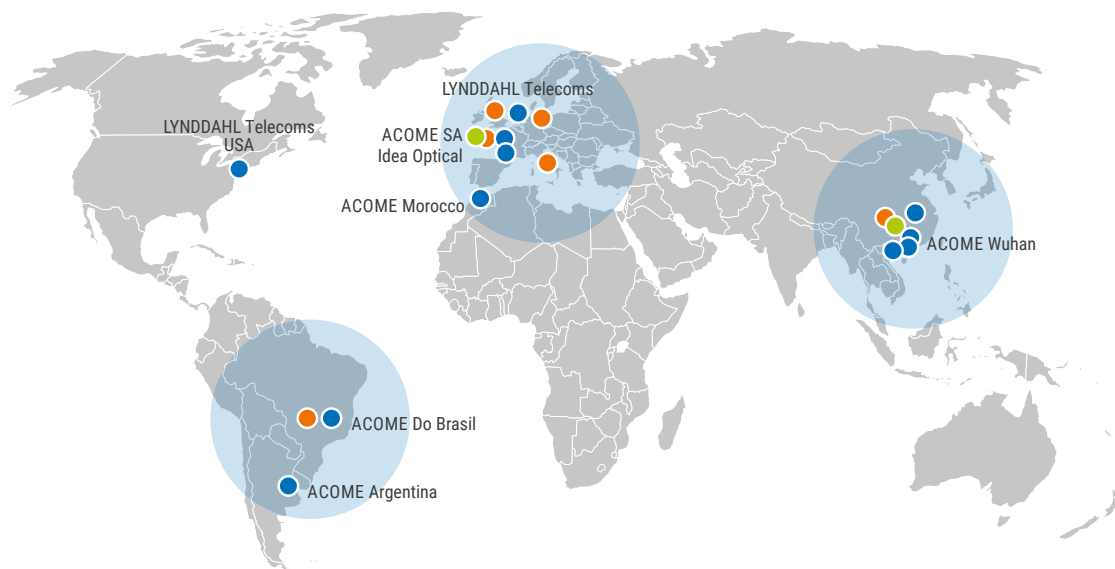
CONSOLIDATED WORKFORCE

1 600

EMPLOYEES

Average headcount, pro-rated

A PRESENCE ACROSS 4 CONTINENTS



16 PRODUCTION SITES

7 plants in France : ACOME in Mortain, Idea Optical in Lannion
2 plants in China : Wuhan
1 plant in Brazil : Irati
1 plant in Morocco : Tanger
1 plant in Denmark : Ribe
1 plant in the USA : Belmont
1 plant in Argentina
2 joint ventures in China

COMMERCIAL PRESENCE IN 8 COUNTRIES

EMEA : France, Germany, Italy, United Kingdom, Denmark
Asia : China
South America: Brazil
North America : USA

3 RESEARCH & TECHNOLOGY CENTERS

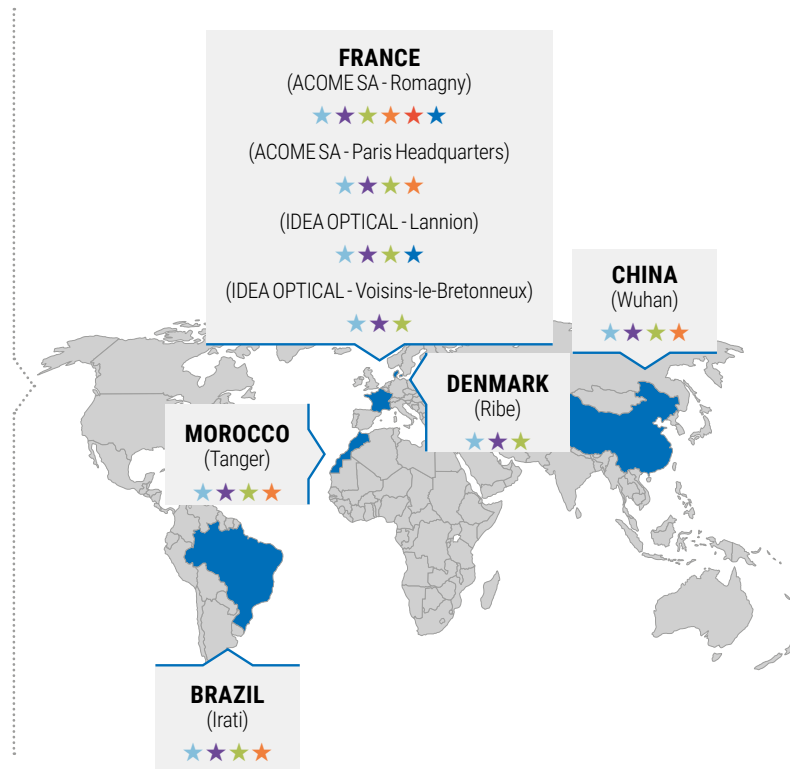
France and China

10 LOGISTICS PLATFORMS

(EMEA, South America and Asia)

A GLOBAL

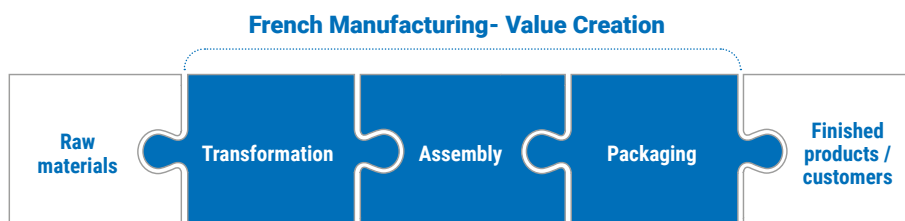
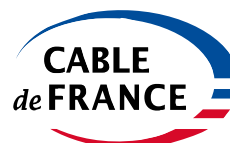
CERTIFICATION APPROACH



CÂBLE DE FRANCE : THE FRENCH CABLE INDUSTRY LABEL

Product ranges certified "câble de France" :

- R Cables for optical fiber and copper communication networks,
- R Network solutions for commercial buildings and campuses,
- R Private and public telephony networks, low-voltage networks,
- R Optical fiber and copper communication risers



This label guarantees the quality of products manufactured in France.

It ensures that the three key manufacturing stages are carried out in France.

Integrating climate change challenges

A RECOGNIZED CSR POLICY

Corporate Social Responsibility (CSR) is deeply embedded in ACOME's cooperative DNA and forms the cornerstone of our strategy and daily operations.

This commitment is shared across the entire Group, from the parent company to its subsidiaries. Our CSR performance is structured around four key priorities:

- A reliable, high-performance and environmentally responsible industrial model.
- Values and ethics.
- People at the heart of our organization.
- A responsible offering attentive to our customers and partners

ACOME regularly measures and analyzes the carbon footprint of its operations, covering all direct and indirect emissions (Scopes 1, 2 and 3) in France and across the Group.

Our carbon reduction trajectory aims to reduce emissions in line with the 1.5°C target for Scopes 1 and 2, as defined by the Paris Agreement, and below 2°C for Scope 3. This trajectory has been validated by the Science Based Targets initiative (SBTi) since May 2024. Science Based Target (SBTi) depuis mai 2024.

180kt*
eq CO₂

**Carbon footprint
of Mortain site in 2025**

**Excluding use phase*



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

**BUSINESS
AMBIITION FOR 1.5°C**  

ACOME'S COMMITMENTS AND RECOGNITIONS

THE GLOBAL COMPACT

Since 2005, ACOME has been committed to upholding the 10 principles related to human rights, international labor standards, the environment and anti-corruption. Each year, the Group publishes a progress report.



ECOVADIS

Since 2012, ACOME has entrusted EcoVadis, an independent CSR rating agency, with the assessment of its corporate social responsibility (CSR) practices. In 2025, ACOME was awarded a Gold Medal with a score of 79/100. This recognition highlights the Group's performance in environmental management, human rights, ethics and sustainable practices. The company stands out for its responsible use of resources and effective waste management.



FRENCH BUSINESS CLIMATE PLEDGE

ACOME is a signatory of the French Business Climate Pledge (FBCP) and is committed to supporting a low-carbon French economy.

**FRENCH BUSINESS
CLIMATE PLEDGE**
LES ENTREPRISES FRANÇAISES
S'ENGAGENT POUR LE CLIMAT !

PRS GREEN LABEL

Once used, pallets are returned and reintegrated into a circular system. This collaboration actively contributes to reducing the carbon footprint of our packaging waste.



CDP

ACOME is recognized for its environmental performance by CDP. In 2025, ACOME Group achieved an A rating in the Supplier Engagement Assessment, and B ratings for climate change and water management. These assessments measure corporate performance in terms of governance, targets, Scope 3 emissions, value chain engagement and water management. They highlight the strength of our environmental strategy and the relevance of the actions already implemented.



Supporting the market

ENVIRONNEMENTAL PRODUCT DECLARATION

Two tools are used to assess greenhouse gas emissions:

R The Product Environmental Profil (PEP) is a comprehensive tool based on a standardized format, making it easier to compare products on the market. It assesses a product's impact across 32 environmental criteria, such as water acidification, ozone layer depletion, and the generation of hazardous waste.

Product Environmental Profile (PEP)
ACOLAN FIREPROTECT OPTIC - CLT cable RFD ZH
 Reinforced free structure - 4 to 24 OF

B1310A 12 OF CLT RFD ZH In/Out 50/125 OM3

Very high-speed data cables intended for local computer networks for campus, backbone and horizontal links.

31,4 g CO₂ eq. Global Warming*
 0,55 MJ Total use of primary energy*
 1,01E-07 kg Sb eq. Depletion of abiotic resources*
 0,02 m³ Net use of fresh water*

* Results based on the lifecycle analysis of the reference product (B1310A 12 OF), at the scale of the UF, i.e. the transmission of 1 communication signal over 1 meter of cable.

Registration Number : ACOM-00080-V01.01-EN	Drafting Rules : PEP-PCR-ed3-EN-2015 04 02
Verifier accreditation number : VHD3	Supplemented by : PSR-0001-ed3-EN-2015 10 16
Date of issue : 01-2022	Information and reference documents : www.pep-ecopassport.org
Validity period : 5 years	
Independent verification of the declaration and data, in compliance with ISO 14025 : 2010	
Internal ☐ External ☒	

The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNE).

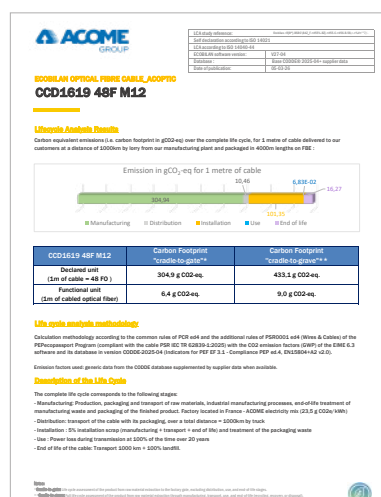
PEP are compliant with XP C68-100-1 : 2016
 The elements of the present PEP cannot be compared with elements from another program.
 Document in compliance with ISO 14025 : 2010 « Environmental labels and declarations.
 Type III environmental declarations »

The updated version of this document is available on the site www.pep-ecopassport.org and on the site www.acome.com

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www.codde.fr

IC 05/BO page 1/9



R The Environmental Balance (EB) focuses specifically on greenhouse gas emissions. Its calculation, like that of PEPs, is based on Product Category Rules (PCR) and cable-specific Product Specific Rules (PSR), which define the calculation methods, particularly for optical equipment.



PEPs are verified and made available free of charge on the following website:

www.pep-ecopassport.org

ACOME also provides the market with the full range of environmental balances (EB) for its cables.



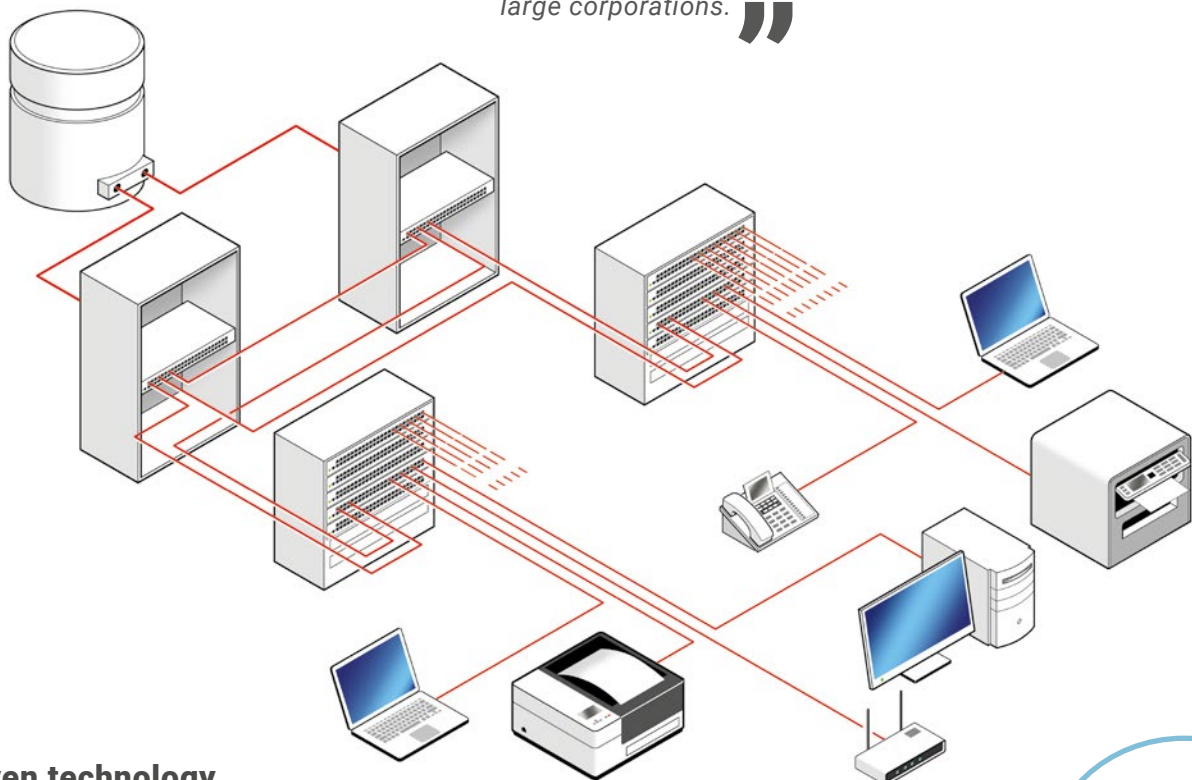
COMMERCIAL *BUILDINGS*



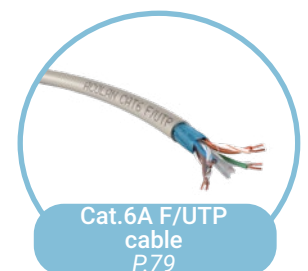
STRUCTURED CABLING

STAR-TOPOLOGY CABLING USING TWISTED-PAIR CABLES

“ A pioneer in this field, the ACOME Group has produced over 20 million kilometres of twisted-pair cable over the last three decades. Its copper LAN cables are installed in numerous university and hospital campuses, as well as in office buildings of all sizes, serving both small and medium-sized enterprises and large corporations. ”



- + Proven technology
- + Large disponibilité des composants et compatibilité universelle
- + Wide availability of components and universal compatibility
- + Good value for money over short distances
- + Compatible with Power over Ethernet



In small to medium-sized commercial buildings, such as offices, schools or shops, twisted-pair cabling is often the most suitable option in terms of data transfer rates.

Ideal for standard office applications: IP telephony, network access, Wi-Fi, CCTV or access control. It also allows equipment to be powered via Power over Ethernet.

FTTO CABLING

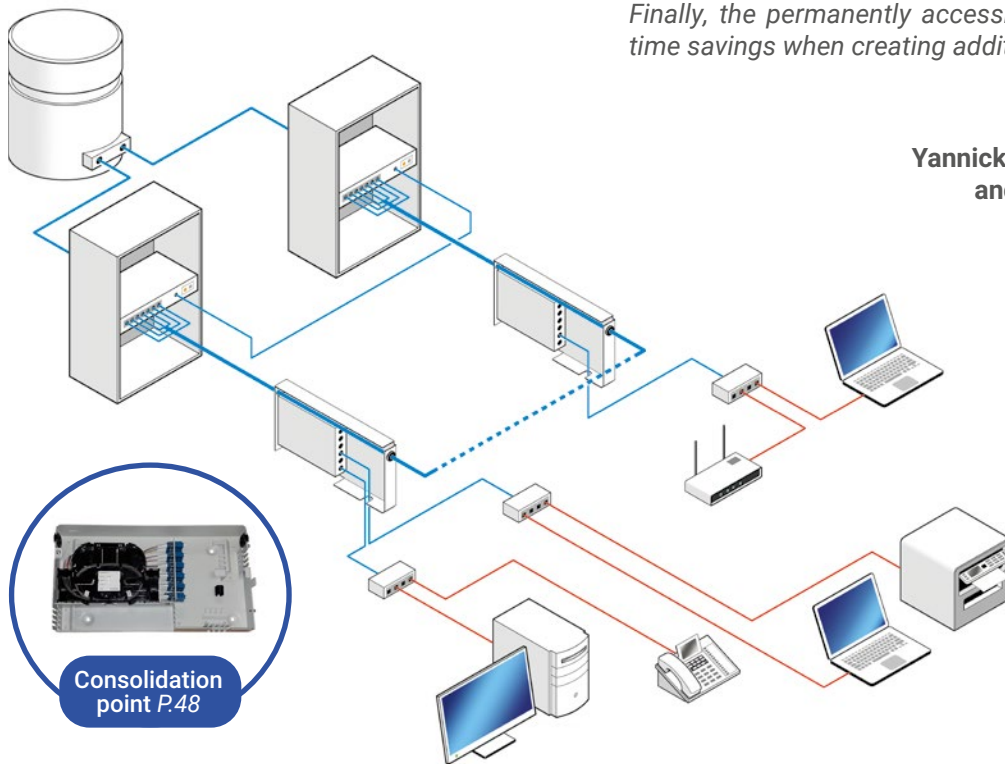
FIBER TO THE OFFICE



“Offering ACOME’s FTTO solutions is a natural choice, particularly given that they are manufactured in France. The company stands out from the competition by offering an innovative solution rather than a run-of-the-mill solution that stands out only on price. Unlike copper LAN solutions, FTTO eliminates the need for sub-distribution frames, thereby saving floor space. Fibre optics significantly reduce the bulk of cabling compared to copper.”

In operational terms, the distribution of active terminal equipment minimises, in the event of a fault, the number of users affected and the time taken to restore service, unlike centralised switches. Finally, the permanently accessible cable offers flexibility and real time savings when creating additional connection points.”

Yannick Lemoine, Director of YLM Réseau,
and Nicolas Nien, Director of Fibrelec



- + Enjoy the benefits of fibre-optic connectivity right at your workstation, whilst retaining traditional network cards
- + Ensuring flexibility, security or service quality
- + Save on floor space by removing technical rooms from the upper floors
- + Ensure the integration of active terminal equipment into the workstation environment (skirting boards, cable ducts, posts, columns, etc.) grâce au format 45x45

The FTTO architecture is based on an optical loop formed using a permanently accessible cable (PACe). This loop runs around the workspaces.

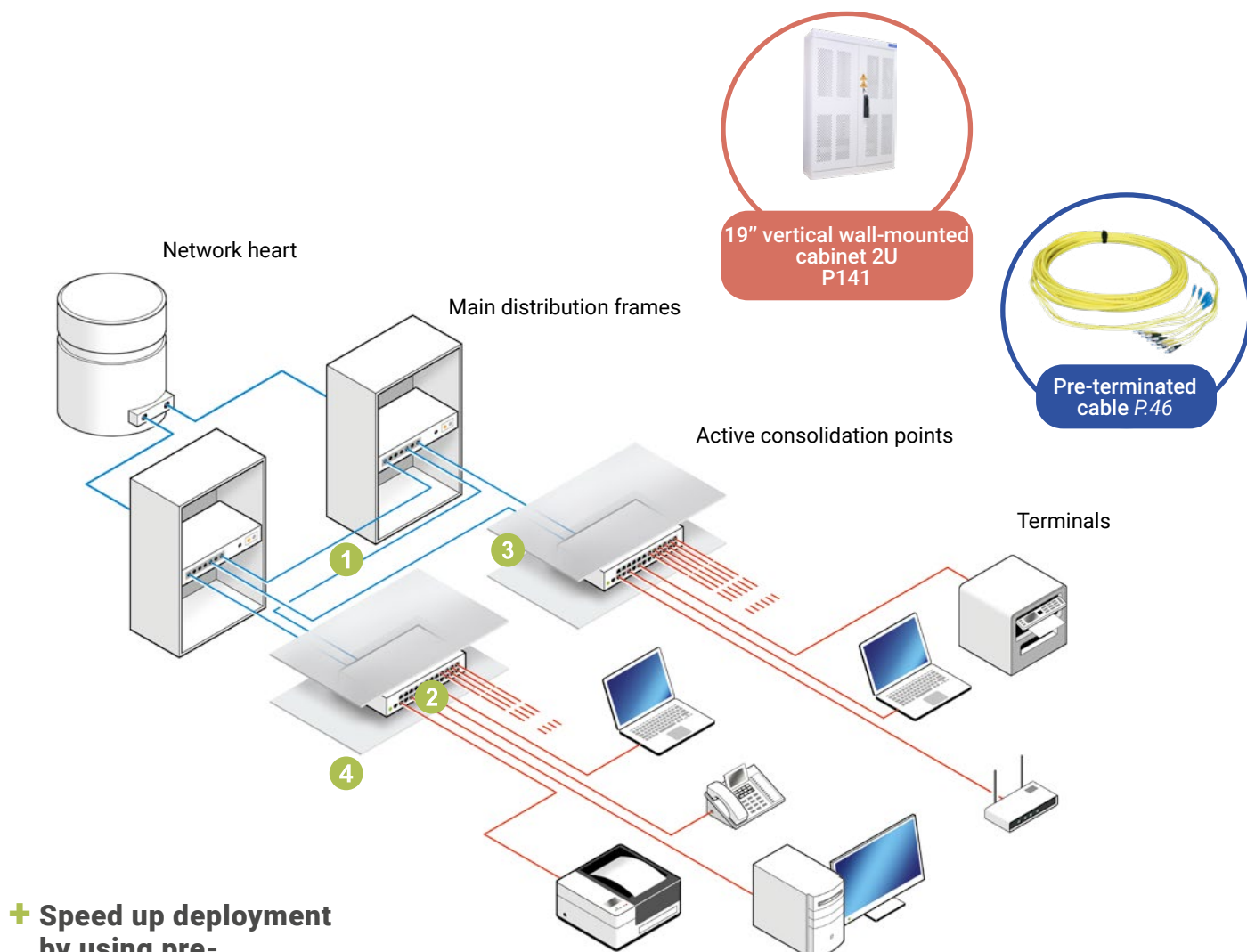
Branch connections are made from this main cable to provide links to the terminal equipment.

At these splice points, fibres from the PACe cable are drawn out and then spliced to optical cords (PACe cords). These cords are used to connect the housing to the active equipment located in the skirting boards (microswitches).

Finally, an RJ45 copper cable completes the connection between the microswitch and the terminal equipment.

FTT-CP CABLING

FIBER TO THE CONSOLIDATION POINT



- + Speed up deployment by using pre-terminated cables
- + Ensuring the long-term viability of the infrastructure through the solution's scalability
- + Save on floor space by removing technical rooms from the upper floors
- + Extend the asset's lifespan with fanless, ruggedised hardware

The FTT-CP architecture also relies on an optical loop made up of permanently accessible cables (PACe).

Active consolidation points can be installed on walls, in suspended ceilings or in raised floors.

The connection between the PACe and the consolidation points is established using PACe cables welded to the PACe fibres within the branch sleeve. Switches are installed at these consolidation points, enabling the connection of an entire area within the building.

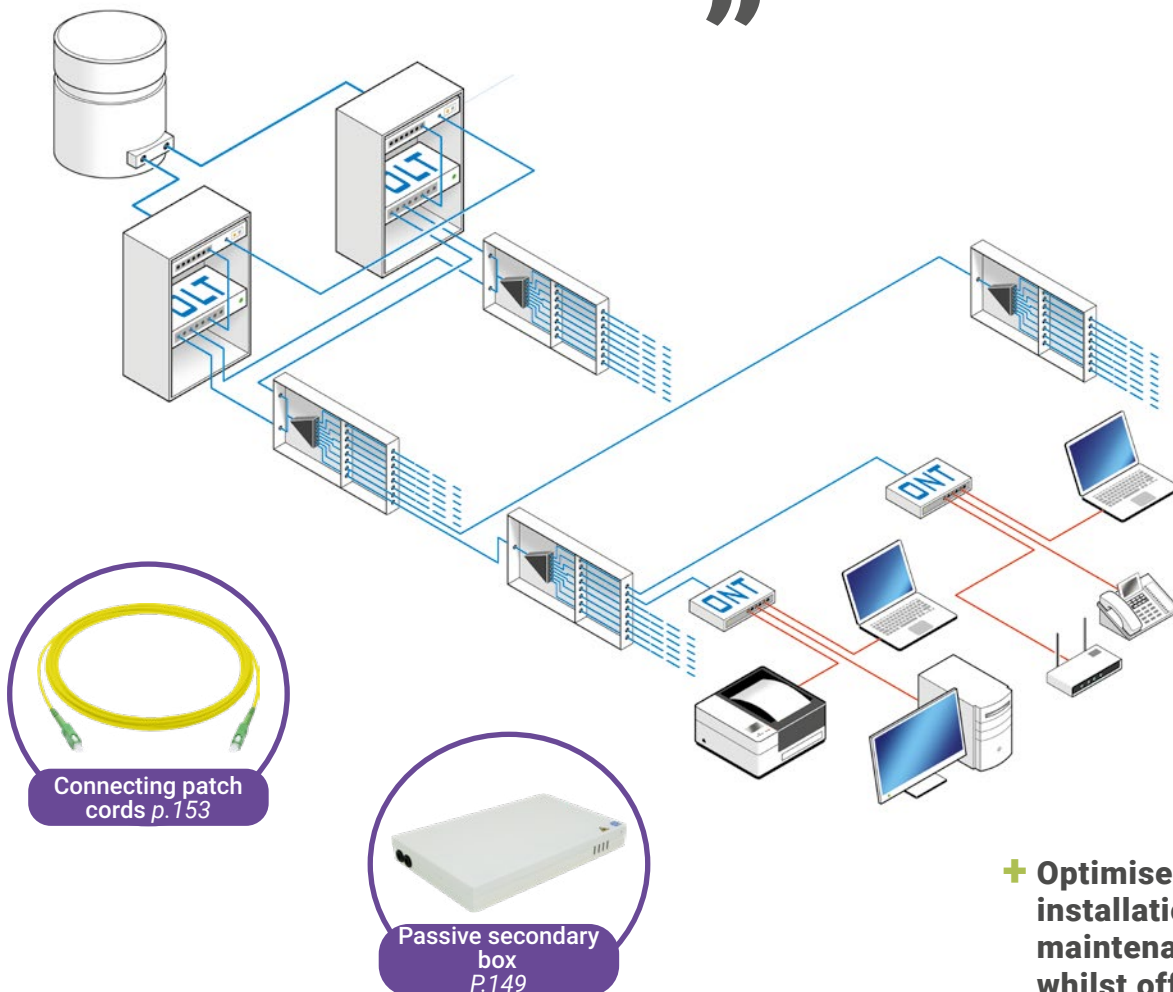
This connection between the active consolidation point and the terminals is made using copper cabling.

POL ECO CABLING

PASSIVE OPTICAL LAN

“ Orange : partnering with ACOME to adapt fibre-optic technology for the commercial sector.

Pilot projects in hotels and university campuses across France. ”



+ Optimise procurement, installation and maintenance costs whilst offering a longer service life than traditional copper-based systems

+ Streamlining the fibre-optic infrastructure

+ Pool active equipment at the core network level

The POL architecture is a point-to-multipoint infrastructure equipped with optical couplers to route data from a single point to multiple user endpoints.

The HEMERA solution provides a set of cables and splice closures required to set up the optical infrastructure between the OLT and the ONTs.

The junction boxes feature 1 or 2 to 8 connectors and can be easily fitted into cable trays.

PASSIVE OPTICAL LAN

During this innovative project, we inevitably had to revise our specifications in light of the feedback we received. In this regard, ACOME went above and beyond in terms of professionalism; following this feedback, they were able to supply new versions of functional parts within less than four weeks, each time perfectly matching the requirements set out. ■ ■

The diagram illustrates a Passive Optical LAN (POL) architecture. It starts with an **OLT** (Optical Line Terminal) and a **SWITCH** connected to two **Boiler primary** distribution boxes. These boxes are connected via green lines to two intermediate distribution boxes. From these intermediate boxes, green lines connect to various end-user devices: a printer, a PC, a phone, and a small network switch. A red line also connects the first intermediate box to the printer. The diagram uses color-coded lines (green and red) to represent different data paths or wavelengths.

+ Optimise procurement, installation and maintenance costs whilst offering a longer service life than traditional copper-based systems

specifications in light of the feedback we received. In this regard, ACOME went above and beyond in terms of professionalism; following this feedback, they were able to supply new versions of functional parts within less than four weeks, each time perfectly matching the requirements set out. ”

Richard Persin, Head of Passive Optical LAN Deployment, Orange

Primary box P.144

Pre-wired power strip P.150

- + Optimise procurement, installation and maintenance costs whilst offering a longer service life than traditional copper-based systems**
- + Streamlining the fibre-optic infrastructure**
- + Pool active equipment at the core network level**
- + A network architecture that allows certain point-to-point fibres to be retained**

Based on the GPON or XGS-PON communication protocol, POL enables the sharing of some of the cabling by dividing the fibre bandwidth amongst several users. It also makes it possible to eliminate sub-distribution frames and achieve substantial savings on land costs. Further significant benefits are realised through the centralised management of several thousand IP devices (PCs, telephones, cameras, etc.).

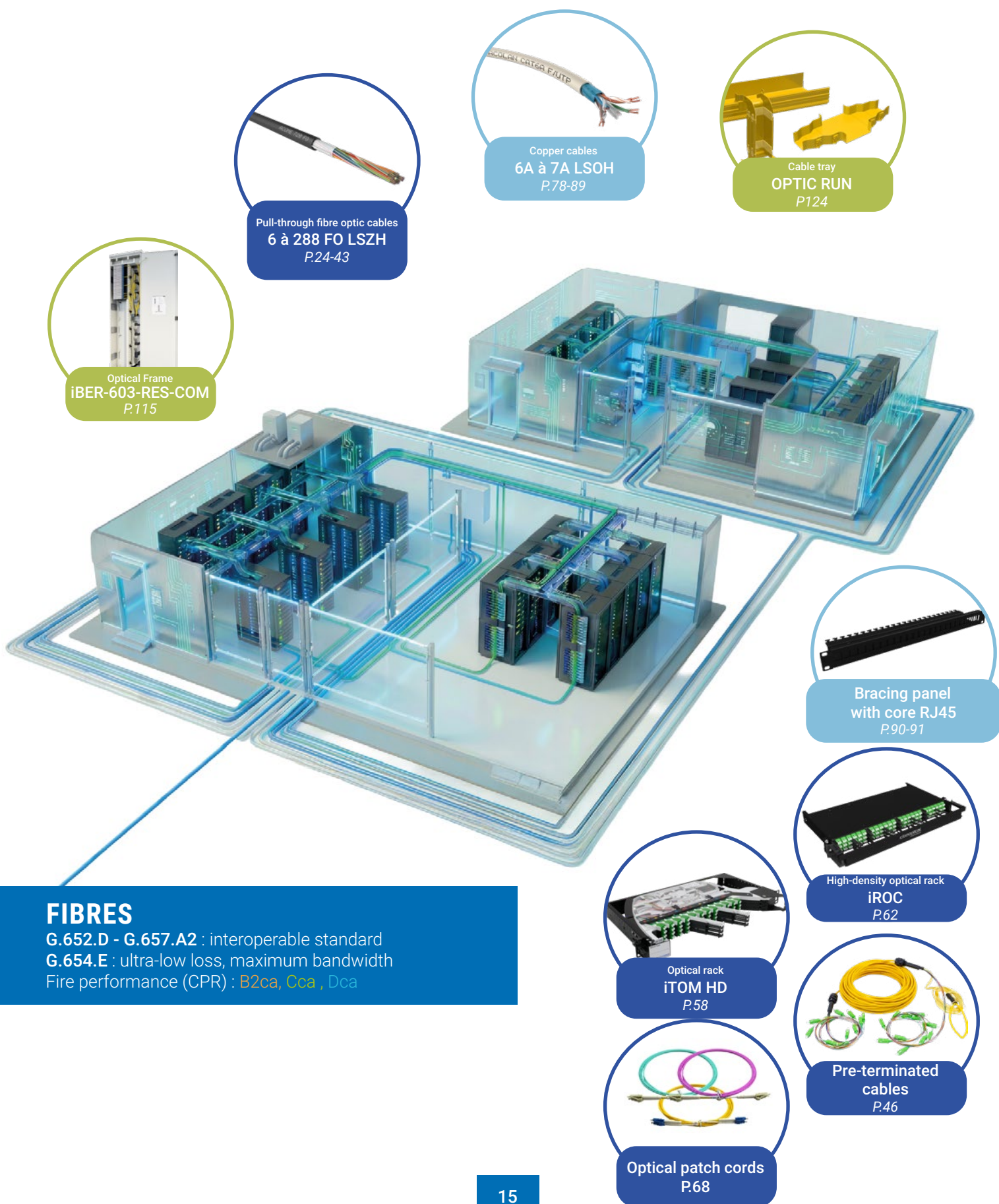
DATA CENTER

Architecture



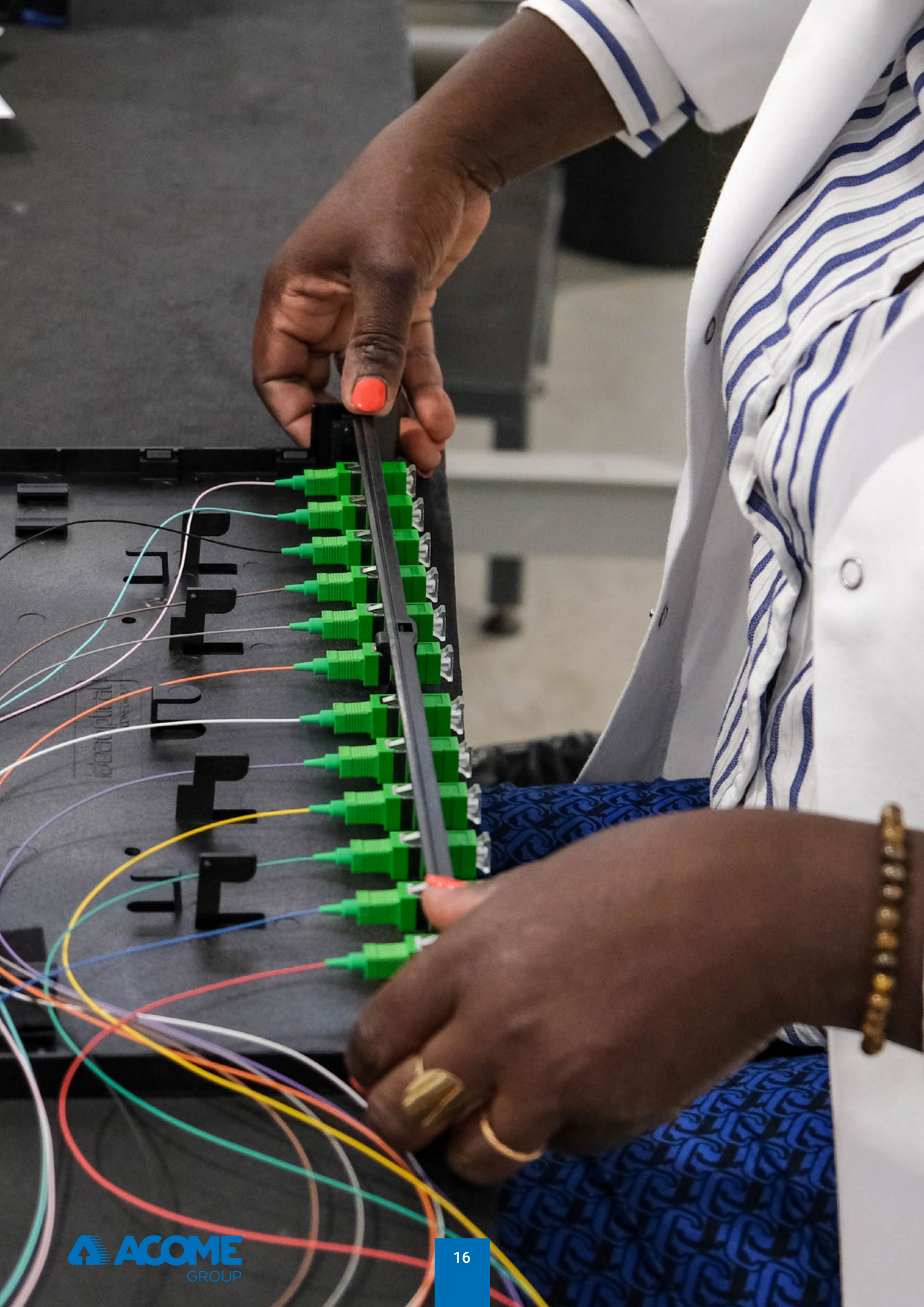
CABLING NETWORKS

INTERCONNECTION AND CONNECTIVITY



FIBRES

G.652.D - G.657.A2 : interoperable standard
G.654.E : ultra-low loss, maximum bandwidth
Fire performance (CPR) : B2ca, Cca, Dca



ECO-DESIGN AT THE CORE OF OUR SOLUTIONS

We make eco-design a priority by designing high-performance, durable solutions while minimising their impact on the environment. For several years now, we have included this approach across all our processes – from material selection to delivery – to support our customers' moves towards a more responsible future.

100 %

Up to 100% recycled plastic built into our solutions, with no compromise on performance.

Eco-design means including the environmental dimension from the product design stage to limit its impacts throughout its life cycle: material extraction, manufacturing, transport, use and end of life.



Our teams are trained in environmental analysis tools, and commit alongside our clients by carrying out targeted eco-assessments. Tailored expertise to support CSR initiatives and meet request for proposals requirements.

50 %

Reduced packaging across selected product ranges, combined with optimized packaging solutions.

We are strengthening our commitment with the ambitious goal of extending the use of recycled materials across all our ranges of indoor and outdoor enclosures. Because designing sustainably also means building a more responsible future for our industry and our regions.

CAMPUS

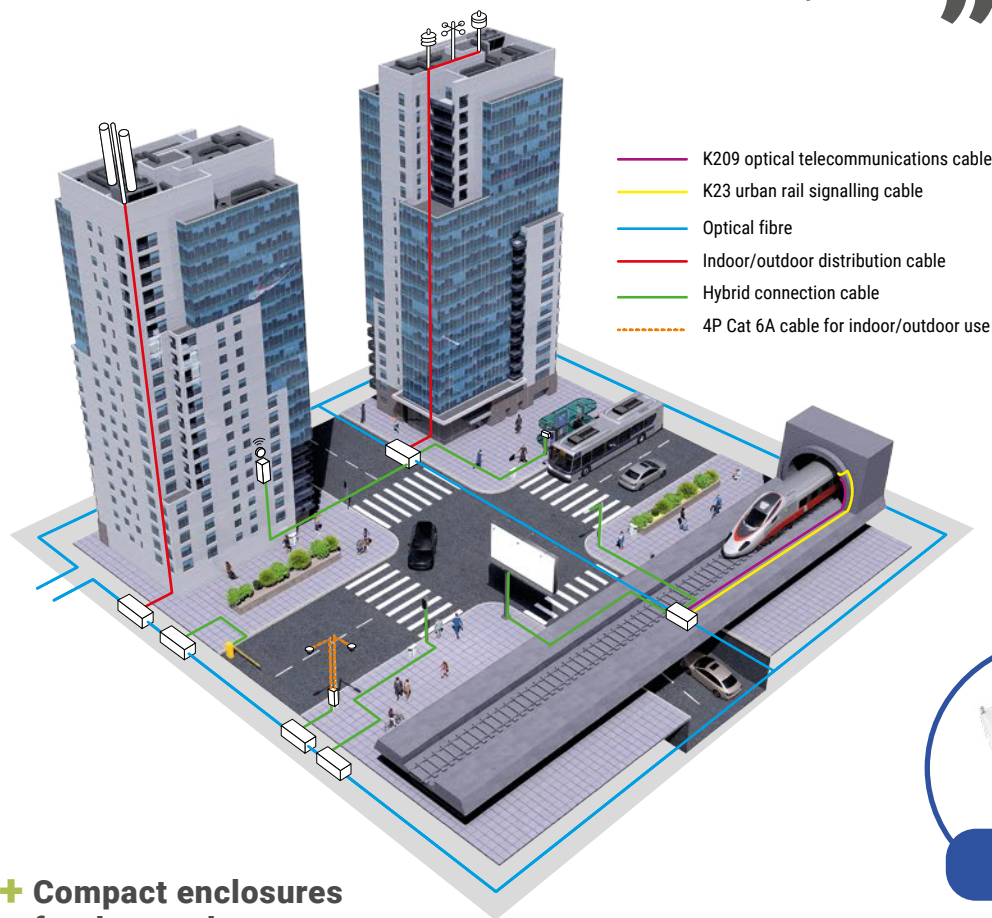
Architecture



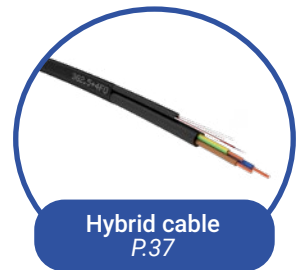
EXTERNAL NETWORKS

“ We have been using the City D1 and D2 units to connect cameras and Wi-Fi for the past five years in our installations, such as those in La Baule and Saint-Nazaire. Working with ACOME, a French company, is a real asset for us. The Ville & Campus solution is discreet and aesthetically pleasing, which is a considerable advantage given that street lamps are becoming increasingly stylish. The enclosures are robust, easy to install and withstand various conditions such as water, sand and wind. We mainly use these enclosures for CCTV and Wi-Fi hotspots. ACOME's responsiveness and professionalism are outstanding assets. We recommend their products to anyone looking for a reliable, attractive, turnkey solution. ”

Thomas Ropert, Manager, AFOR



- K209 optical telecommunications cable
- K23 urban rail signalling cable
- Optical fibre
- Indoor/outdoor distribution cable
- Hybrid connection cable
- 4P Cat 6A cable for indoor/outdoor use



- + Compact enclosures for data and power conversion in PoE transmission
- + Boxes designed to be fitted into a lamppost
- + Better integration into the landscape, with enclosures that can be painted to match the dominant colour of the town or site (listed site)

The main challenges associated with outdoor networks are generally environmental. These include the UV resistance of cables and enclosures, resistance to rodents, and the CPR rating for indoor/outdoor cables. Operation and maintenance must also be taken into account, as well as ease of installation.

As such, hybrid cables simplify the installation of fibre-optic and power cables; a converter can then take over, supplying PoE to end-user equipment such as outdoor Wi-Fi access points or CCTV cameras. Cable blowing is also a viable solution (please contact us).

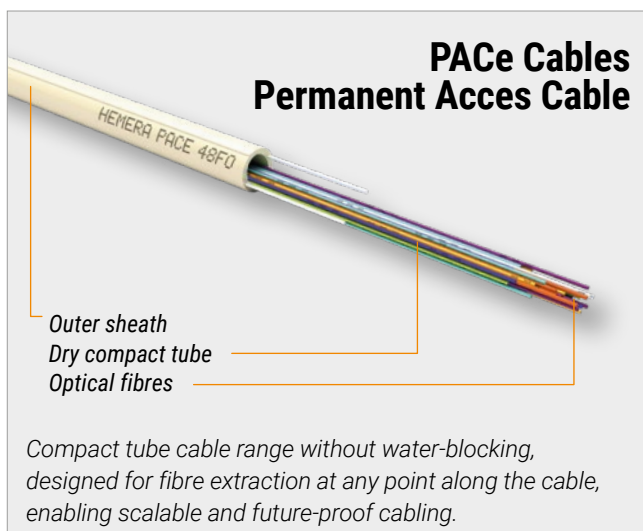
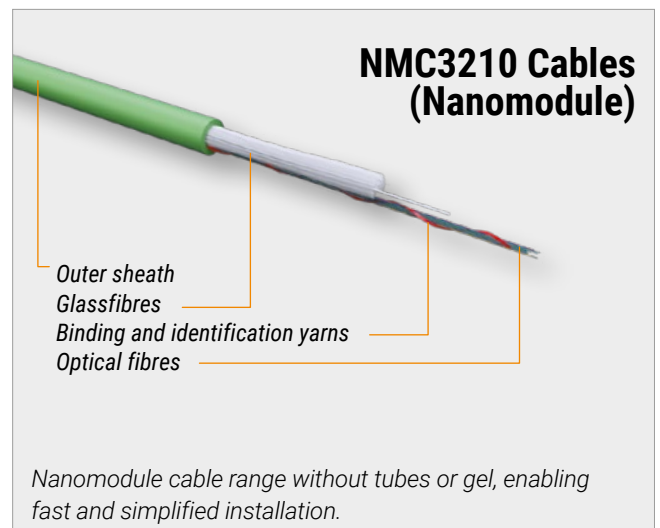
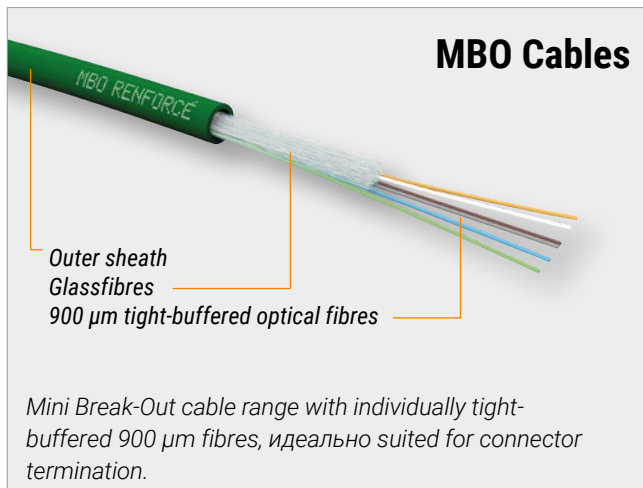
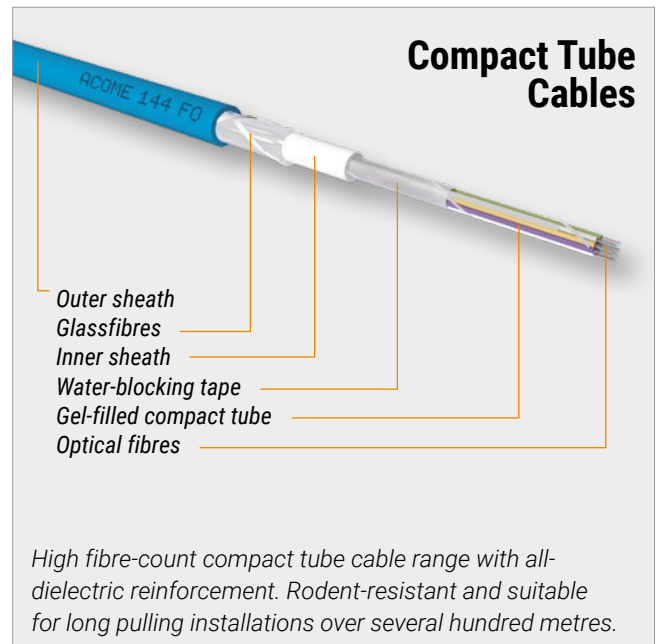
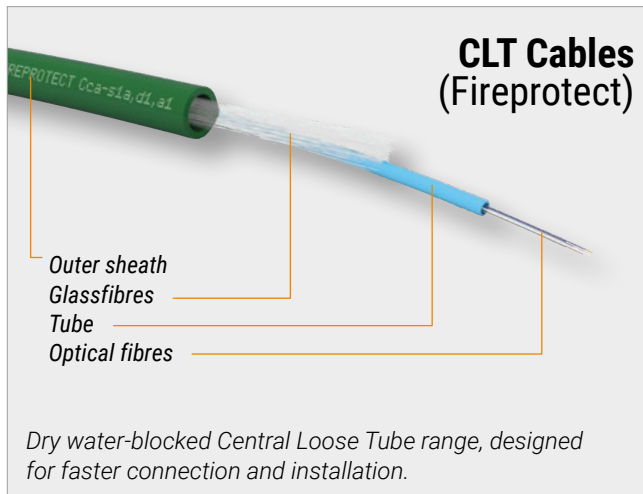




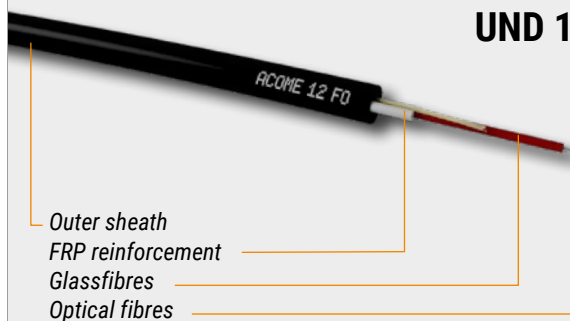
OPTICAL SOLUTIONS

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Fibre-optic cables: different configurations to cover all your applications

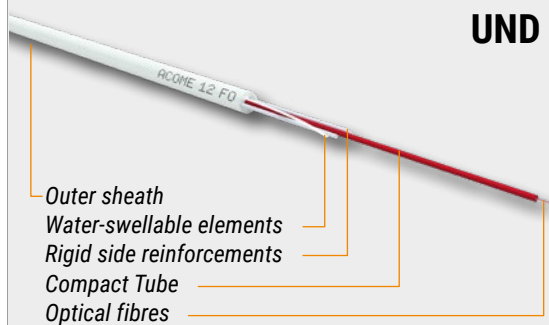


UND 1533



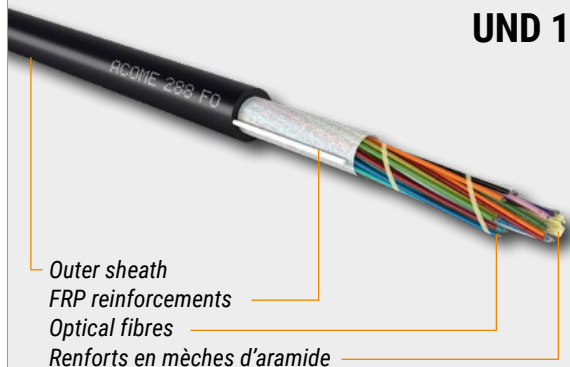
A range of cables for WAN and MAN networks, suitable for inter-NRO links and transport networks. Compact and robust, it allows for installation over long distances and easy access to the fibres.

UND 1636



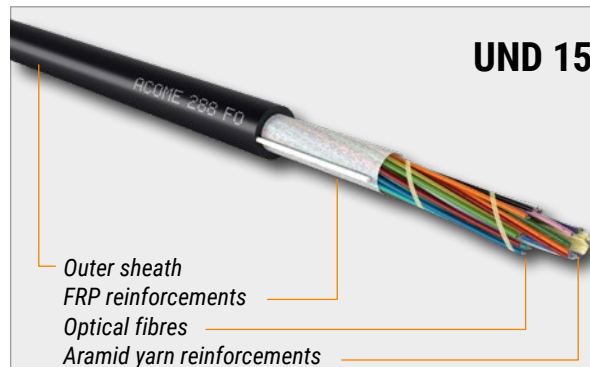
UND1636 service cable range for FTTH networks. Designed to connect the mutualisation point to the indoor building entry point, with an indoor/outdoor LSZH sheath and no transition box required.

UND 1537



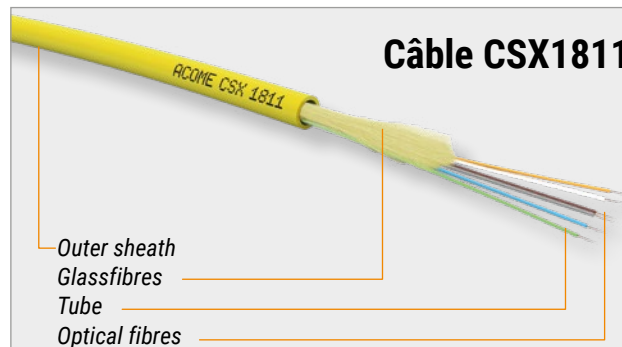
UND1537 cable range for FTTH networks. Suitable for aerial, duct or façade installation, ideal for public initiative networks (RIP areas) and telephone poles or BT.

UND 1534



UND1534 cable range for FTTH and FTTO networks. Suitable for aerial and duct installation (blown or pulled), supporting spans of up to 80 m. Compatible avec Compatible with various anchors, it is available with the ACOREX® option for protection against rodents.

Câble CSX1811



CSX cable range dedicated to connections within central offices and optical connection nodes (NRO). Suitable for inter-rack connections and for linking an OLT to the Optical Distribution Frame (ODF) within the NRO.

CLT STD INDOOR - OUTDOOR

CENTRAL LOOSE TUBE OPTICAL FIBRE CABLE

APPLICATION

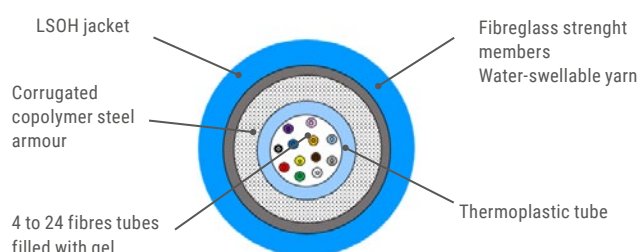
High-speed data transmission cables designed for local networks (LAN), suitable for campus, backbone, and horizontal links, and adapted to all types of environments such as residential, commercial, industrial, or public access buildings, for both indoor and outdoor use.

Marking of outer sheath: ACOLAN CLT STD ZH -number and type of fibres - product code - Euroclass Dca-s2,d2,a2, 41202 DD/MM/YY hh:mm + metric.



CLT steel armored cable

More flexible inner tube
Rodent protection
Cable with ripcord
Optimized design to facilitate preparation and fiber access



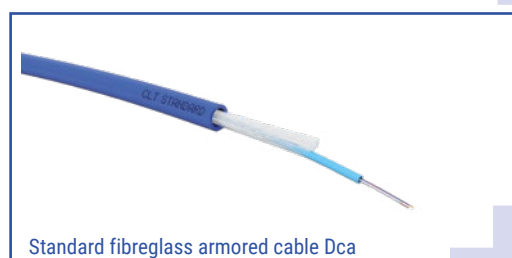
CLT ARMORED CLT ZH

CHARACTERISTICS

CHARACTERISTICS		STANDARD FIBRE GLASS ARMORED CABLE		CLT DRY WATER-BLOCKING FIBREGLASS			CLT STEEL ARMORED CABLE	
Structure		-	Z1314A	Z1416A	Z1417A	Z1418A	Z1027A	Z1301A
Fibre capacity		4 to 12 OF	24 OF 2 loose tubes	4 to 12 fibres	24 OF 2 loose tubes	48 OF 4 loose tubes	4 à 12 fibres	24 fibres 2 loose tubes
Temperature Range	Transport & Storage	- 40°C to + 70°C		- 40°C to + 70°C			- 40°C to + 70°C	
	During installation	-5°C to + 50°C		-5°C to + 50°C			- 5°C to + 70°C	
	Operation	- 20°C + 60°C		- 20°C + 60°C			- 40°C to + 70°C	
Maximum pulling force (N)		2000		3000			2000	
Crush resistance (N/10cm)		2000		2000			5000	
Minimum bending radius (mm)		63	75	84	94	104	150	
Protection index against rodents		★★★★☆☆		★★★★★☆☆			★★★★★★	
Standard packaging		2100 m drums						
Nominal sheath thickness (mm)		0.9	0.9	1.3			1.85	1.1
Nominal cable diameter (mm)		6.3	7.5	8.4	9.4	10.4	8.7	9
Nominal weight (kg/km)		47	64	74	86	106	108	120

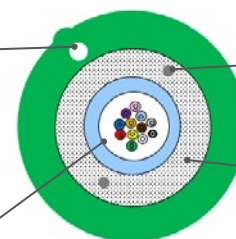
CLT STD INDOOR - OUTDOOR

CENTRAL LOOSE TUBE OPTICAL FIBRE CABLE



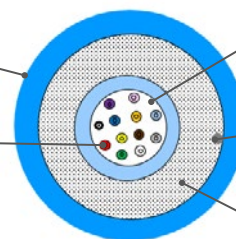
LSOH sheath (Low Smoke
"Zero" Halogen)
Very low smoke emission -
flame retardant
FRP accepted in the sheath

1 sec T module, 4 to 12
optical fibres
(OTAG colour code)
Longitudinal and radial
water blocking



CLT FIREPROTECT

Black LSOH sheath
4 to 24 fibres tubes filled
with gel



REINFORCED CLT ZH

PRODUCTS RANGE

INDOOR / OUTDOOR		STANDARD FIBREGLASS ARMORED CABLE		DRY WATER-BLOCKING, FIBREGLASS REINFORCED ARMORED	STEEL ARMORED CABLE
FIRE EUROCLASS	Capacity	Dca / Eca	Cca	Cca	Dca
Fibre type					
OM2 50/125	4	B1001A	-	B1301A	B1136A
	6	B1002A	-	B1302A	B1137A
	8	B1003A	-	B1303A	B1138A
	12	B1004A	-	B1304A	B1139A
	24	B1006A	-	B1305A	B1141A
	48	B1008A	-	B1306A	-
OM3 50/125	4	B1010A	B1331A	B1307A	B1142A
	6	B1011A	B1312A	B1308A	B1143A
	8	B1012A	B1333A	B1309A	B1144A
	12	B1013A	B1334A	B1310A	B1145A
	24	B1015A	B1335A	B1311A	B1147A
	48	B1017A	B1336A	B1312A	-
OM4 50/125	4	B1019A	B1337A	B1313A	B1148A
	6	B1020A	B1338A	B1314A	B1149A
	8	B1021A	B1339A	B1315A	B1150A
	12	B1022A	B1340A	B1316A	B1151A
	24	B1024A	B1341A	B1317A	B1153A
	48	B1026A	B1342A	B1318A	-
OM5 50/125	6	B1257A	B1352A	B1349A	-
	12	B1258A	B1353A	B1350A	-
	24	B1259A	B1354A	B1351A	-
	48	B1443A	B1502A	B1445B	-
OS2 G.652.D 9/125	4	B1028A	B1343A	B1319A	B1154A
	6	B1029A	B1344A	B1320A	B1155A
	8	B1030A	B1345A	B1321A	B1156A
	12	B1031A	B1346A	B1322A	B1157A
	24	B1033A	B1347A	B1323A	B1159A
	48	B1035A	B1348A	B1324A	N5202A ⁽¹⁾

Greyed-out references are held in stock. Other configurations available upon request. ⁽¹⁾ Central compact unit structure, double sheath, steel armored.



CLT OUTDOOR

CENTRAL LOOSE TUBE OPTICAL FIBRE CABLE

APPLICATION

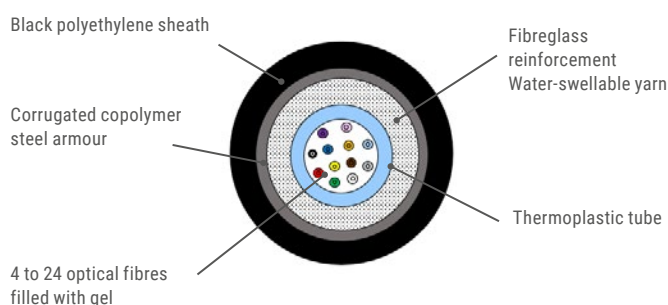
High-speed data transmission cables designed for local networks (LAN), suitable for campus, backbone and horizontal links.

Suitable for all types of environments: commercial and industrial, including outdoor installations.

Marking of outer sheath: ACOLAN CLT STD PE - number and type of fibres - product code - 41202 DD/MM/YY hh: mm + metric



CLT STEEL ARMORED CABLE



CLT ARMORED CLT ZH

More flexible inner tube

Cable with ripcord

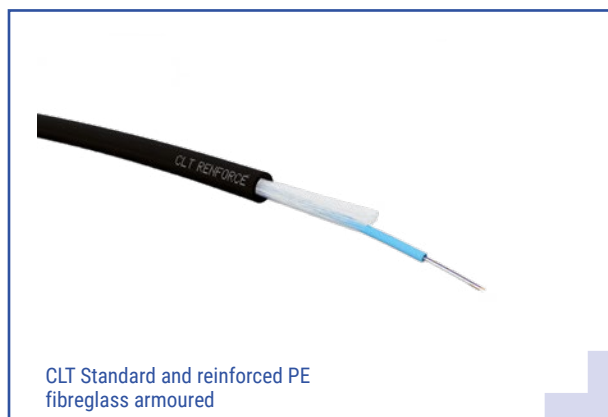
Optimized design to facilitate preparation and fiber access

Rodent protection

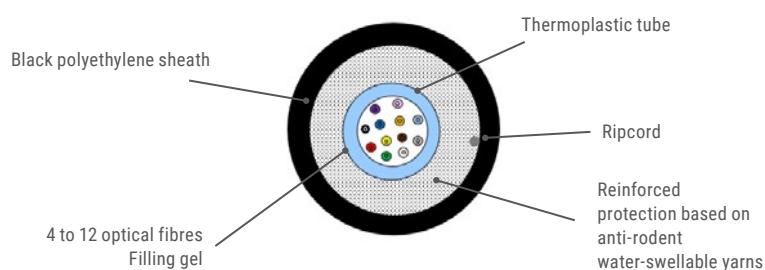
CHARACTERISTICS

CHARACTERISTICS		STANDARD GLASS FIBRE ARMORED CABLE			CLT DRY WATER-BLOCKING GLASS FIBRE			CLT STEEL ARMORED CABLE	
Structure		Z1321A	Z1322A	Z1324A	Z1325	Z1326A	Z1328A	Z1147A	Z1312A
Fibre capacity		4 to 12 OF	24 OF 2 loose tubes	48 OF 4 loose tubes	4 to 12 OF	24 OF 2 loose tubes	48 OF 4 loose tubes	4 to 12 OF	24 OF
Temperature Range	Transport & Storage	- 40°C to + 70°C			- 40°C to + 70°C			- 40°C to + 70°C	
	During installation	-5°C to + 50°C			-5°C to + 50°C			- 5°C to + 70°C	
	Operation	- 20°C + 60°C			- 20°C + 60°C			- 20°C to + 70°C	
Maximum pulling force (N)		2000			3000		4500	2000	
Crush resistance (N/10cm)		2000			4000			5000	
Minimum bending radius (mm)		60	77	94	80	100	112	150	
Protection index against rodents		★★★★☆☆			★★★★★☆☆			★★★★★★★	
Standard packaging		2100 m drums							
Nominal sheath thickness (mm)		0.9			1.2	1.5		0.9	
Nominal cable diameter (mm)		6.0	7.7	9.4	8	10	11.2	8.3	9
Nominal weight (kg/km)		33	51	69	60	90	100	72	90

CENTRAL LOOSE TUBE OPTICAL FIBRE CABLE



CLT Standard and reinforced PE
fibreglass armoured



STANDARD AND REINFORCED CLT PE

PRODUCTS RANGE

INDOOR / OUTDOOR		STANDARD FIBREGLASS ARMORED CABLE	DRY WATER-BLOCKING, FIBREGLASS REINFORCED ARMORED	STEEL ARMORED CABLE
Fibre type	Capacity			
OM2 50/125	4	B1037A	B1104A	B1160A
	6	B1038A	B1105A	B1161A
	8	B1039A	B1106A	B1162A
	12	B1040A	B1107A	B1163A
	24	B1042A	B1109A	B1165A
	48	B1044A	B1111A	-
OM3 50/125	4	B1046A	B1112A	B1166A
	6	B1047A	B1113A	B1167A
	8	B1048A	B1114A	B1168A
	12	B1049A	B1115A	B1169A
	24	B1051A	B1117A	B1171A
	48	B1053A	B1119A	-
OM4 50/125	4	B1055A	B1120A	B1172A
	6	B1056A	B1121A	B1173A
	8	B1057A	B1122A	B1174A
	12	B1058A	B1123A	B1175A
	24	B1060A	B1125A	B1177A
	48	B1062A	B1127A	-
OS2 G.652.D 9/125	4	B1064A	B1128A	B1178A
	6	B1065A	B1129A	B1179A
	8	B1066A	B1130A	B1180A
	12	B1067A	B1131A	B1181A
	24	B1069A	B1133A	B1183A
	48	B1071A	B1135A	-

Greyed-out references are held in stock. Other configurations available upon request.



NMC3210

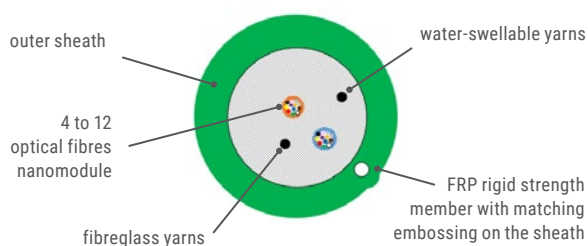
INDOOR-OUTDOOR NANOMODULE OPTICAL CABLES

APPLICATION

High-speed data transmission cables designed for local networks (LAN), suitable for campus, backbone and horizontal links.

Available for any type of environments : Office Buildings, Industrial, buildings open to the public and high-rise buildings.

Marking of outer sheath: *ACOLAN FIREPROTECT+ NMC ZH - number and type of fibres - product code - Euroclass 41202 DD/MM/YY hh: mm + métric*



NMC3210 cable cross-section view



NMC3210 STANDARD ZH

Quickly installation and connection
simplified access to fibres
Improved fire performance
Less carbon footprint

CHARACTERISTICS

CHARACTERISTICS		VALUE 4 TO 48 FIBRES	
Maximum pulling force (N)		2000	
Crush resistance (N/10cm)		1000	
Minimum bending radius (mm)		10 x cable diameter	
Protection index against rodents		★★★★☆☆	
CHARACTERISTICS		VALUE 4 TO 24 FIBRES	VALUE 48 FIBRES
Standard packaging (m)		2100	2100
Nominal sheath thickness (mm)		1.2	1.2
Nominal cable diameter (mm)		6.8	8.0
Nominal weight (kg/km)		46	59
Temperature range	Transport & Storage	-40°C to +70°C	-40°C to +70°C
	During installation	-5°C to +50°C	-5°C to +50°C
	Operation	-20°C to +60°C	-5°C to +50°C

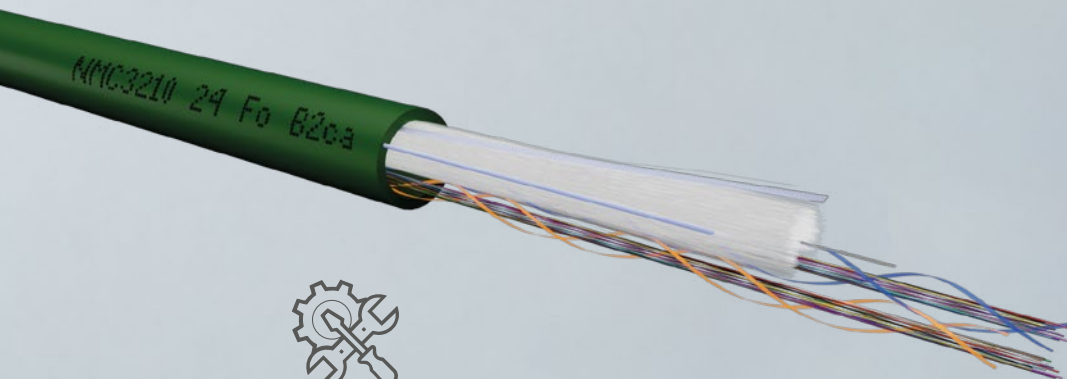
PRODUCTS RANGE

CABLE CONTENT	FIRE BEHAVIOUR	OM3	OM4	OM5	OS2 G.657.A1
4	B2ca	B1407A	B1413A	-	B1401A
6		B1408A	B1414A	B1490A	B1402A
8		B1409A	B1415A	-	B1403A
12		B1410A	B1416A	B1491A	B1404A
24		B1411A	B1417A	B1492A	B1405A
48		B1496A	B1497A	-	B1495A

Greyed-out references are held in stock. Other configurations available upon request.

NANOMODULES NMC3210 CABLES

The new generation of optical cables: faster, lighter and more responsible!



Ease of installation

Cables that are more flexible, lighter and quicker to strip, making installation easier.



Versatility of application

Suitable for demanding environments (public buildings, high-rise buildings, industrial and commercial sites).



Performance and safety

B2ca fire-rated, available in 4 to 48 fibers, multimode OM3/OM4 or single-mode G.657A1 (small bending radius).



Increased productivity

Fibre access 4 to 10 times faster than with traditional structures (Central Loose Tube, Mini Break Out).



Sustainable commitment

Up to a 30% reduction in carbon footprint thanks to the ACOME eco-design programme.

NMC3210

**The LAN cable that
accelerates your deployments
while reducing your
environmental impact.**

CSX1811

CABLES FOR CONNECTING DATA CENTRES

APPLICATION

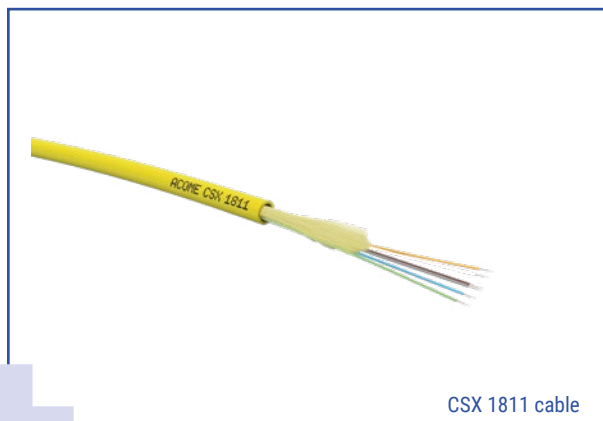
ACOPTIC® is the ACOME brand for its optical cable solutions designed for telecommunications networks. The CSX ranges are part of our solutions for implementing connections within central offices or Optical Distribution Nodes (ODN) / Optical Connection Nodes (NRO). These cables can be used for inter-rack connections or to connect an OLT to the Optical Distribution Frame (ODF) within the NRO.

LSOH-FR (Low Smoke Zero Halogen) with very low smoke emission – flame retardant

Reinforcements: aramid yarns

Compact tube: 2 × 12 fibres assembled under a strippable thermoplastic sheath

Indoor cabling / Pre-terminated cables CSX1811



CSX 1811 cable

Compact: diameter optimised for passage through cable trays or conduits

Flexible: a single sheath for improved handling

Durable: excellent mechanical strength and reduced fraying

LSZH-FR sheath, compliant with CPR regulations

Compact-Tube® technology allowing tool-free access to the fibre and facilitating storage of the module in enclosures.

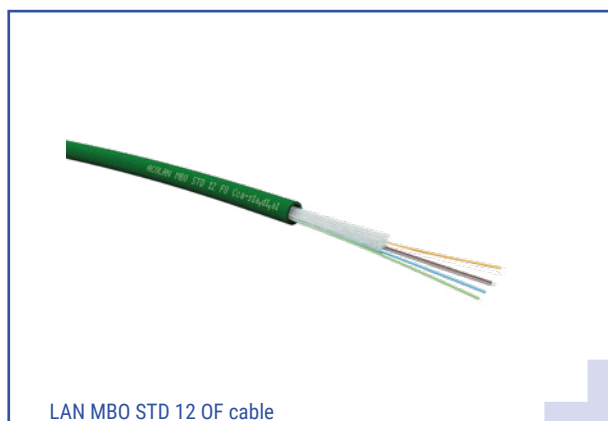
Easy cable preparation without risk of bending the Compact-Tube® (at the ends or mid-span).

CHARACTERISTICS

CHARACTERISTICS							
Cable configuration		Z1344	Z1352		Z1349	Z1344	
Fibre capcity		72	12	24	36	48	96
Modularity		4	12				
Nominal cable diameter (mm)		8	5		6	8	
Maximum pulling force (N)		1000	600			TBD	1000
Minimum bending radius (mm)		50	20		30	50	
Nominal weight (kg/km)		60	26	28	35	TBD	65
Crush resistance (N/10cm)		250					
Temperature range	Transport & Storage	-40°C / 70°C					
	Operation	-5°C / 50°C					
Marking		Year & week of manufacture – ACOME – number & type of fibers – product ref. + metric					

Greyed-out references are held in stock. Other configurations available upon request.

INDOOR/OUTDOOR MICRO BREAKOUT FIBRE OPTIC CABLES



LAN MBO STD 12 OF cable

APPLICATION

High-speed data transmission cables designed for local networks (LAN), suitable for campus, backbone and horizontal links.

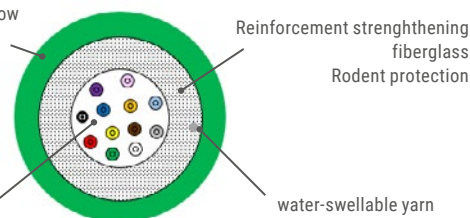
Available for any type of environments : Office Buildings, Industrial, public access buildings.

Marking of outer sheath: ACOLAN MBO STD ZH - number and type of fibres - product code - Euroclass Cca-s1a,d1,a1 - 41202 DD/MM/YY hh: mm + metric

Standard universal range suitable for any type of environment
Quick stripping with our new tight-buffered Rapid Strip fibre (RS 900)

Design optimised for connector installation or fibre splicing
 ACOME rodent protection rating (IPA): ★★★★★
Low protection

LSOH-FR (Low Smoke "zero" halogen) sheath with very low smoke emission - Flame retardant



2 to 24 900µm tight buffer optical fibres

REINFORCED MBO ZH

CHARACTERISTICS

CHARACTERISTICS			VALUES				
CAPACITY		2 OF	4 OF	6 OF	8 OF	12 OF	24 OF
SERIE		Z1433A		Z1434A	Z1435A		Z1436A
Temperature range	Transport & Storage	-40°C to + 70°C					
	During installation	-5°C to + 50°C					
	Operation	-30°C to + 70°C					
Maximum pulling force (N)		800		1100			1800
Crush resistance (N/10cm)		2000					
Minimum bending radius (mm)		10 x cable diameter					
Standard packaging		2100 m drums					
Nominal sheath thickness (mm)		1.0		1.1			
Nominal cable diameter (mm)		6.0		7.0	7.8		10.0
Nominal weight (kg/km)		31	33	46	53	57	89

PRODUCTS RANGE

CONTENANCE	FIRE BEHAVIOUR	OM2	OM3	OM4	G.652D
2	CCa	-	B1431A	B1437A	B1419A
4		B1425A	B1432A	B1438A	B1420A
6		B1426A	B1433A	B1439A	B1421A
8		B1427A	B1434A	B1440A	B1422A
12		B1428A	B1435A	B1441A	B1423A
24		B1429A	B1436A	B1442A	B1424A
48		B1430A		-	-

Greyed-out references are held in stock. Other configurations available upon request.

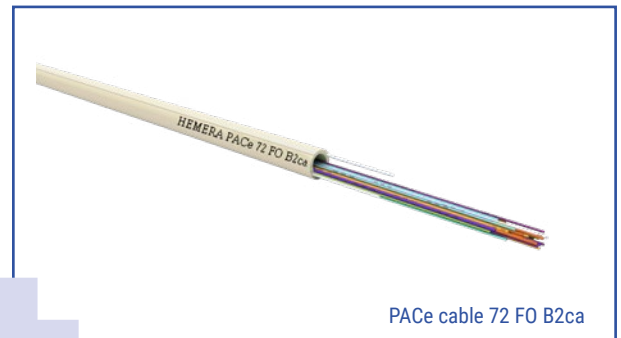


FIBRE-OPTIC CABLES WITH PERMANENT ACCESS

APPLICATION

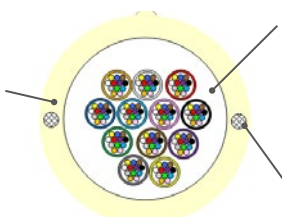
The PACe cable meets the requirements for optical distribution within buildings, whether commercial or industrial.

Its design enables easy access to the fibres through mid-span access, allowing the breakout of micromodules (6 to 12 fibres) that can be connected using either mechanical or fusion splicing. Available with 8 to 24 micromodules and featuring easy-strip technology, Hemera-PACe is ideal for FTTH, FTTO and POL networks.



PACe cable 72 FO B2ca

LSOH-FR (Low Smoke Zero Halogen) with very low smoke emission – flame retardant



Compact tube: 6 or 12 fibres assembled under a strippable thermoplastic sheath

Reinforcements : FRP

Cable opening point: raised longitudinal rib

PACe cable 144 fibres cross-section view

Full access to all elements by rotating the modules
A single cable capable of serving up to 1,000 access points

Ability to branch off a group of fibres at any location and at any time to connect a single user, a group of users, an access point or a sub-distribution point

Ease of cable installation

Protection by a Low Smoke Zero Halogen (LSOH) flame-retardant sheath with B2ca fire performance

CHARACTERISTICS

CHARACTERISTICS		VALUES		
		Z1412A 48 OF	Z1413A 72 to 144 OF	Z1414A 192 to 288 OF
Temperature range	Transport & Storage	-40 / 70 °C		
	During installation	-5 / 50 °C		
	Operation	-30 / 70 °C		
Maximum pulling force (N)		800	1200	2000
Crush resistance (N/10cm)		200		700
Minimum bending radius (mm)		90	100	130
Nominal cable diameter (mm)		8.7	10.5	13.8
Standard packaging		Length at the cut		
Maximum usable length		Varies depending on the data rate and the type of optical fibre		
Fire behaviour		B2ca-s1a,d1,a1		
Cable storage		Indoor		
Marking of outer sheath (3 markings per metre)		A->HEMERA PACe no. of fibres x fibre type no. of CT modules modularity product ref. Euroclass B2ca-s1a,d1,a1 ->B DD/MM/YY hh:mm + metric (DD = day, MM = month, YY = year, hh = hour, mm = minute)		
Nominal weight (kg/km)		67	88 to 96	138 to 151

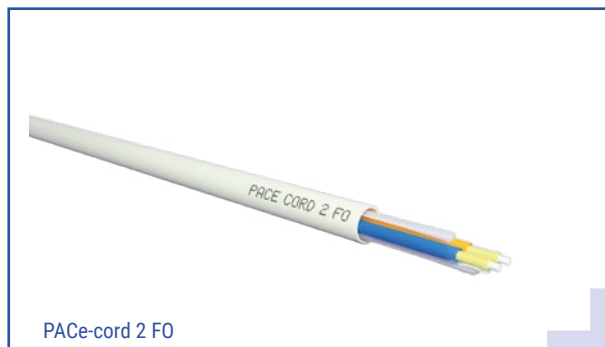
PRODUCTS RANGE

FIBRE CAPACITY	MODULARITY OF THE COMPACT TUBE	NUMBER OF COMPACT TUBES	OM3	OM4	G.657.A1
48 fibres	6 OF/Compact Tube	8	B1281A	B1355A	B1286A
72 fibres	6 OF/Compact Tube	12	B1282A	B1356A	B1287A
96 fibres	12 OF/Compact Tube	8	B1283A	B1357A	B1288A
144 fibres	12 OF/Compact Tube	12	B1284A	B1358A	B1289A
192 fibres	12 OF/Compact Tube	16	B1285A	-	B1290A
288 fibres	12 OF/Compact Tube	24	B1297A	-	B1300A

Greyed-out references are held in stock. Other configurations available upon request.

PACe-cord

OPTICAL PATCH CABLES

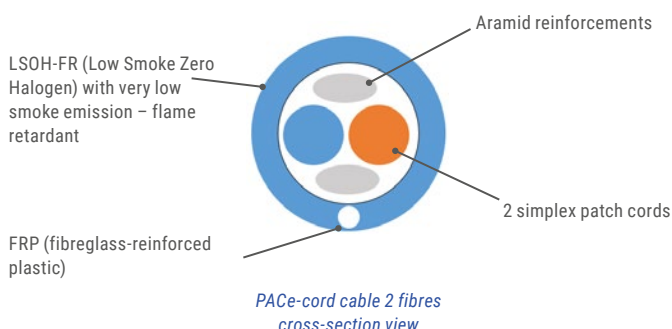


PACe-cord 2 FO

Robust construction
Available in pre-terminated or bare cable versions
 End-to-end B2Ca solution with PACe cable
 2 x 2 mm multimode or single-mode patch cords

APPLICATION

The PACe Cord enables connection to a fibre optic outlet, a micro-switch or active equipment.
 It is optimised for CP enclosures.
 Installation anywhere within the building.



CHARACTERISTICS

CHARACTERISTICS		VALUES
Nominal cable diameter (mm)		6,8 mm
Temperature range	Transport & Storage	-40 / +70 °C
	During installation	-5 / +50 °C
	Operation	-5 / +70 °C
Maximum pulling force (N)		1 000 N
Crush resistance (N/10cm)		5 000 N/cm
Minimum bending radius (mm)		50 mm
fire behaviour		B2ca-s1a,d1,a1
Standard packaging		1000 m drums

PRODUCTS RANGE

PACE CORD BARE CABLE	
REFERENCES	DESIGNATIONS
B1291A	2xOM3 50/125µm PACe Cord B2Ca LSOH Ivory
B1292A	2xG.657A1 9/125µm PACe Cord B2Ca LSOH Ivory
B1444A	2xOM4 50/125µm PACe Cord B2Ca LSOH Ivory

PACE CORD CABLE PRE-TERMINATED					
LENGTH	2XOS2 / 2LC - 2LC	2XOM3 / 2LC - 2LC	2XOS2 / - 2LC	2XOM3 / - 2LC	2XOM4 / 2SC - 2LC
5 m	IC1034-C5	IC1035-C5	IC1033-C5	IC1032-C5	IC1036-C5
10 m	IC1034-C10	IC1035-C10	IC1033-C10	IC1032-C10	IC1036-C10
15 m	IC1034-C15	IC1035-C15	IC1033-C15	IC1032-C15	-
20 m	IC1034-C20	IC1035-C20	IC1033-C20	IC1032-C20	IC1036-C20
30 m	IC1034-C30	IC1035-C30	IC1033-C30	IC1032-C30	IC1036-C30
40 m	IC1034-C40	IC1035-C40	IC1033-C40	IC1032-C40	IC1036-C40
50 m	IC1034-T50	IC1035-T50	IC1033-T50	IC1032-T50	IC1036-T50
60 m	IC1034-T60	IC6032-C60	IC6032-C60	IC6032-C60	IC1036-T60
70 m	IC1034-T70	-	-	-	IC1036-T70
80 m	-	-	-	-	IC1036-T80
90 m	-	-	-	-	IC1036-T90

Greyed-out references are held in stock. Other configurations available upon request.



CR1-F0/C1 CLT

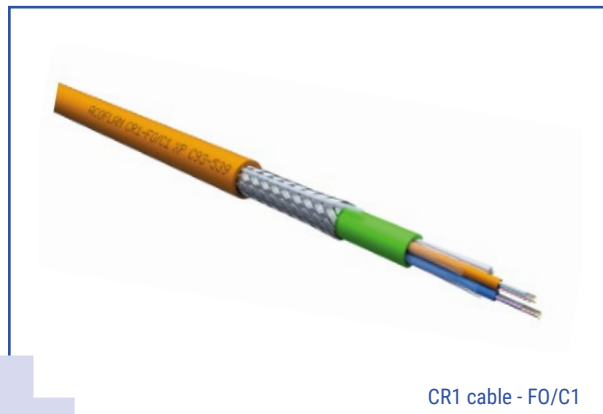
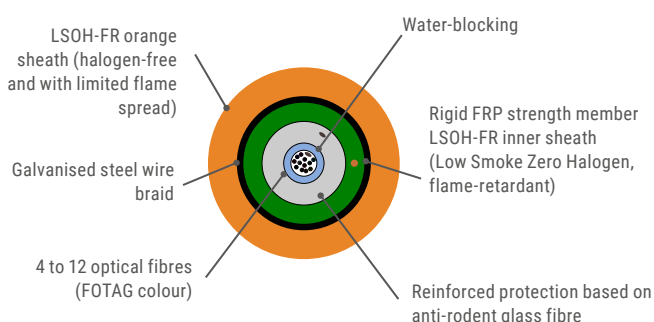
FIRE SAFETY CABLES

APPLICATION

These cables are designed with a halogen-free, UV-resistant sheath and are intended for fire safety applications. They are fire-resistant up to 920°C.

Suitable for indoor and outdoor installation, in ducted or direct burial (trenched) applications.

Marking of outer sheath: ACOFLAM CR1-F0/C1 – number and type of fibres - product code - XP C 93-539 – DD/MM/YY hh : mm + Metric



CR1 cable - F0/C1

Protection against rodents

Flexible inner Tube thanks to its steel-braided armour
Operational continuity for 120 minutes during a fire (PH120)

Complies with standard XP C 93-539 (LCIE test reports nos. 13216700-774780 and 14811874-778475)

CHARACTERISTICS

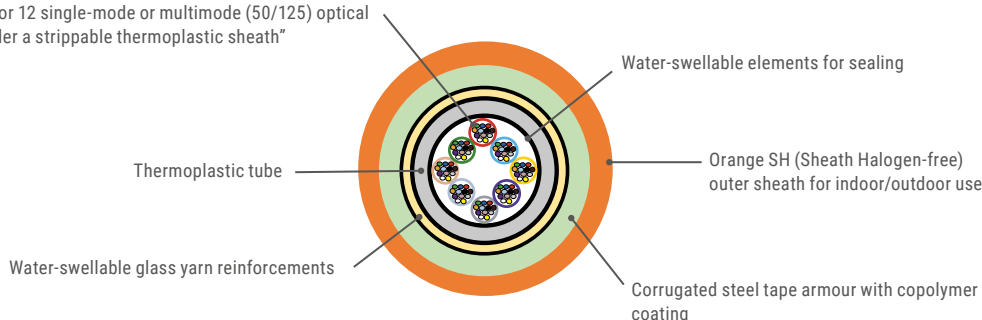
CLT CR1 F0 C1			
CHARACTERISTICS		VALUE	
		4 to 12 OF (Monotube)	24 OF (Bi-tube)
Temperature range	Transport & Storage	-40°C to + 70°C	-40°C to + 70°C
	During installation	-5°C to + 50°C	-5°C to + 50°C
	Operation	-20°C to + 60°C	-20°C to + 60°C
Maximum pulling force (N)		3000	3000
Crush resistance (N/10 cm)		2000	2000
Minimum bending radius (mm)		20 x cable diameter	20 x cable diameter
Standard packaging		2100 m drums	
Nominal sheath thickness (mm)		2	2
Nominal cable diameter (mm)		13.3	14.1
Nominal weight (kg/km)		230	255

PRODUCTS RANGE

CLT CR1 F0 C1			
OPTICAL FIBRE CABLE CONTENT	MULTIMODE 50/125 OM3	MULTIMODE 50/125 OM4	SINGLE-MODE 9/125 OS2
4	B1363A	B1368A	B1373A
6	B1364A	B1369A	B1374A
8	B1365A	B1370A	B1375A
12	B1366A	B1371A	B1376A
24	B1367A	B1372A	B1377A

Greyed-out references are held in stock. Other configurations available upon request.

1. "Compact tube": 6 or 12 single-mode or multimode (50/125) optical fibres assembled under a strippable thermoplastic sheath"



CHARACTERISTICS

CCU CR1 FO C1				
CHARACTERISTICS		VALUE		
		12 to 36 fibres M6	48 fibres M6 and M12	72 to 144 fibres M12
Temperature range	Transport & Storage	-40°C to + 70°C	-40°C to + 70°C	-40°C to + 70°C
	During installation	-5°C to + 50°C	-5°C to + 50°C	-5°C to + 50°C
	Operation	-30°C to + 70°C	-30°C to + 70°C	-30°C to + 70°C
Maximum pulling force (N)		2000	3000	4000
Crush resistance (N/10 cm)		3000	3000	3000
Minimum bending radius (mm)		20 x cable diameter		
Standard packaging		2100 m drums		4000 m drums
Nominal cable diameter (mm)		13.6	13.3	15.5
Nominal weight (kg/km)		220	230	295

PRODUCTS RANGE

CCU CR1 FO C1						
SERIE	OPTICAL FIBRE CABLE CONTENT	SINGLE-MODE FIBRE G.652D	SINGLE-MODE FIBRE	MULTIMODE FIBRE		
-	-	ACSM2D_PREMIUM	G.657.A2 ACSM7A2	50/125 (OM2) ACMM50_0M2	5C/125(OM3) ACMM50_0M3	Multimode fibre 50/125 (OM4) ACMM50_0M4
1431	12 fibres (2x6)	H0769A	H0852A	H0862A	H0872A	H0882A
1421	24 fibres (4x6)	H0770A	H0853A	H0863A	H0873A	H0883A
1421	24 fibres (2x12)	H0771A	H0854A	H0864A	H0874A	H0884A
1421	36 fibres (6x6)	H0772A	H0855A	H0865A	H0875A	H0885A
1425	48 fibres (8x6)	H0773A	H0856A	H0866A	H0876A	H0886A
1425	48 fibres (4x12)	H0774A	H0857A	H0867A	H0877A	H0887A
1415	72 fibres (12x6)	H0850A	H0858A	H0868A	H0878A	H0888A
1415	72 fibres (6x12)	H0775A	H0859A	H0869A	H0879A	H0889A
1415	96 fibres (8x12)	H0851A	H0860A	H0870A	H0880A	H0890A
1415	144 fibres (12x12)	H0776A	H0861A	H0871A	H0881A	H0891A



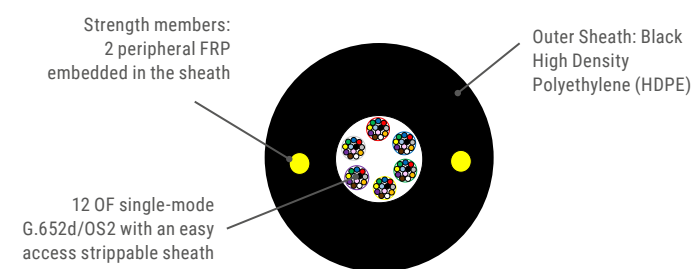
UNC1566

RING CABLES FOR TOWNS AND CAMPUSES

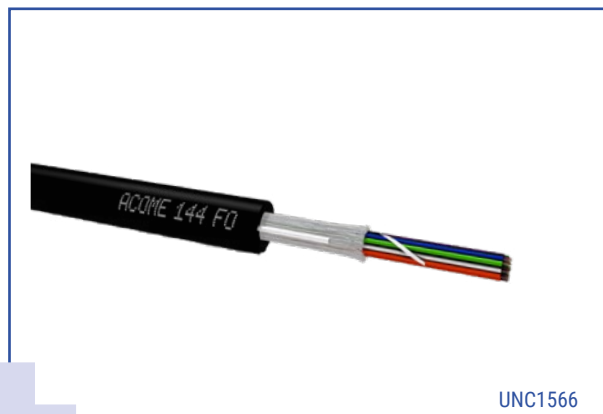
APPLICATION

This outdoor duct cable range is designed for the deployment of campus-type networks, covering a wide range of communication needs, including video surveillance, digital signage, access control, perimeter security and Wi-Fi networks.

It is also suitable for building entry and the connection of large-scale infrastructures such as hospitals, schools, universities and urban developments.



HEMERA city & campus distribution cables



Installation performance enabling long pulling distances

Easy access to fibres

In-line splicing operations

Perfectly suited for demanding environments (ducts, congested chambers, cable trenches)

Rodent protection option available

CHARACTERISTICS

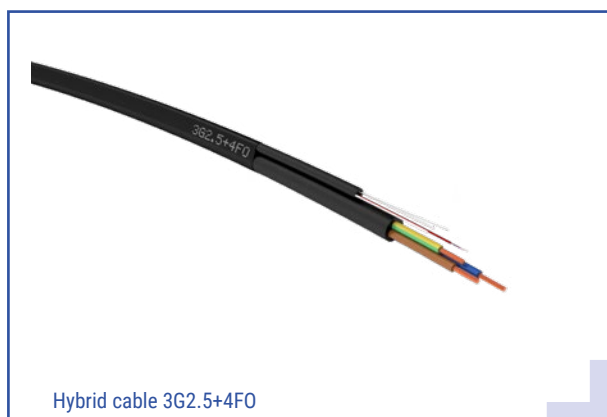
CHARACTERISTICS		6 FIBRES	12 FIBRES	24 TO 36 FIBRES	48 TO 72 FIBRES	144 FIBRES
Maximum pulling force (N)		800	2200			2700
Minimum bending radius (mm)			60	100	120	140
Nominal cable diameter (mm)			9	10.9	11.4	13
Nominal weight (kg/km)			63	91	98	128
Crush resistance (N/cm)			300			
Temperature range	Storage		-40 / +70°C			
	Installation		-5 / +50°C			
	Operation		-30 / +60°C			
Marking of outer sheath		Year and week of manufacture – ACOME – number of OS2 fibres – product reference + metric				

PRODUCTS RANGE

CAPACITY	REFERENCE
6 fibres OS2 (1x6) PeHD aerial-underground	B0018A
12 fibres OS2 (1x12) PeHD underground	B0019A
24 fibres OS2 (2x12) PeHD underground	B0020A
36 fibres OS2 (3x12) PeHD underground	B0021A
48 fibres OS2 (4x12) PeHD underground	B0022A
72 fibres OS2 (6x12) PeHD underground	B0023A
144 fibres OS2 (12x12) PeHD underground	B0024A

HYBRID CABLE

ELECTRO-OPTICAL CONNECTION OF THE WORKSTATION



Easy management of communication data and power supply.

Comprising two cables integrated within a single outer sheath, allowing separation of fibre and power at each end into two independent round cables for easier routing, sealing and handling.

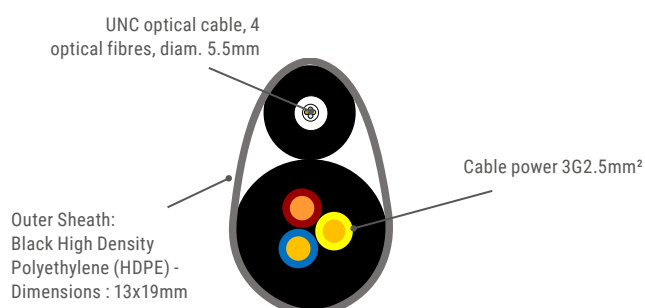
The cross-section of the power conductors supports both 230 V AC and low-voltage supplies (24 V or 48 V).

APPLICATION

Hybrid cables are 4-fibre + 3 x 2.5 mm² outdoor patch cables.

They are designed to connect active equipment (media converters, Ethernet switches) required for linking end devices such as video surveillance cameras, digital signage displays, access control systems or perimeter security systems.

Designed to enable both power supply and data transmission in a single installation.



B0063A 4 + 3 x 2.5 mm² hybrid cable

CHARACTERISTICS

CHARACTERISTICS		4 FIBRES + 3 G2.5
Temperature range	Storage	-40 / +70°C
	During installation	-5 / +50°C
	Operation	-40 / +70°C
Maximum pulling force (N)		500
Crush resistance (N/cm)		250
Minimum bending radius (mm)		130 mm
Power cable		H07RN-F 3x2.5mm ² (brown, blue, green/yellow)
Standard packaging		2100 m drums FBE
Nominal sheath thickness (mm)		0.8 mm
Nominal cable dimensions (mm)		13 x 19 mm
Nominal weight (kg/km)		278kg/km
Marking of outer sheath		Ex.: ACOME 4x9/125G.657+3G2.5 B0063 + metric

PRODUCTS RANGE

CAPACITY	REFERENCE
4 fo mono + 3G2.5 - gouter sheath Pe	B0063A

Greyed-out references are held in stock. Other configurations available upon request.



UND1533

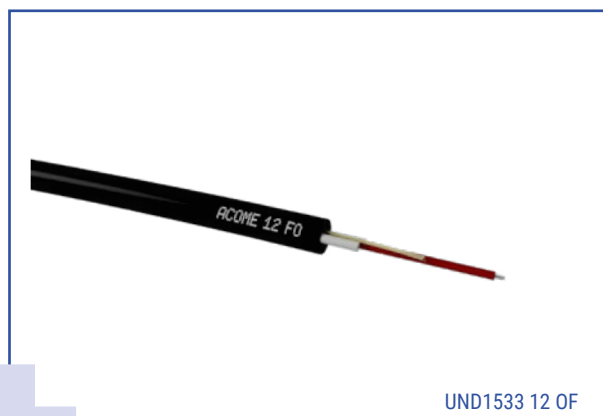
ACOPTIC DUCT CABLE

APPLICATION

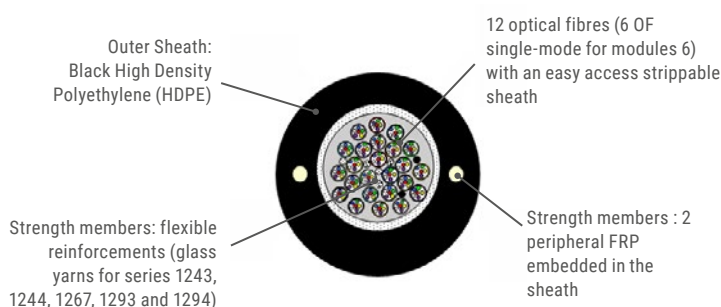
ACOPTIC® is the brand name for ACOME Groups optical fibre solutions for telecom networks. The UND ranges are ACOME's solutions for FTTH access networks.

The UND 1533 range is the outdoor solution for duct installation to link the operators' optical connection nodes to any parts of its FTTX network FTTN (Node), FTTC, FTTB/ P/H (Building, Premises, House).

Installation of UND1533 cables by pulling, floating or blowing throughout the whole FTTX network.



UND1533 12 OF



UND1533 cross-section view

Adopted by leading telecommunications operators
Dry longitudinal water-blocking combining compactness, light weight and robustness
HDPE sheath with low friction coefficient, facilitating cable installation in ducts
Easy cable end preparation with no risk of tube twisting
Rodent protection option available

CHARACTERISTICS

CHARACTERISTICS		SERIE Z1275A	SERIE Z1287A	SERIE Z1292A	SERIE Z1293A	SERIE Z1294A	SERIE Z1242A	SERIE Z1243A	SERIE Z1244A	SERIE Z1267A
Capacity		4md4, 6md6, 12md12	12md6	24,36, 48md6	72md6	96,144md6	24,36, 48md12	72md12	96,144md12	288md12
Maximum pulling force (N)		800	1200	1200	2000	2500	1100	1600	2200	2700
Minimum bending radius (mm)		60	80	90	110	130	85	100	110	120
Nominal cable diameter (mm)		6.1	7.8	9	10.8	13.3	8.4	10.2	12	13.2
Nominal weight (kg/km)		30	50	60	79	105	53	75	100	125
Crush resistance (N/cm)		200								
Temperature range	Transport & storage	-40°C / +70°C								
	Installation	-5°C / +50°C								
	Operation	-30°C / +60°C								
Marking of outer sheath		Year & week of manufacture – ACOME – number & type of fibres – product reference + metric								

MODULARITY	FIBRE	4	6	12	24	36	48	72	96	144	288
4	Serie	Z1275A									
	G652.D	N8153A									
6	Serie		Z1275A	Z1287A	Z1292A			Z1293A	Z1294A		
	G652.D		N8154A	N9914A	N9915A	N9916A	N9812A	N9917A	N9918A	N9919A	
	G657.A2		N9664B	N9082A	N9663B	N9080A	N9229C	N9078A	N9984A	N9983B	
12	Serie			Z1275A	Z1242A			Z1243A	Z1244A		Z1267A
	G652.D			N8156A	N9486A	N9487A	N8986A	N8987A	N8988A	N8989A	N9274A
	G657.A2			N9794B	N9796A	N9704A	N9073A	N8813C	N9071A	N8819C	N9276A

DISTRIBUTION CABLE FOR BUILDING CONNECTION INDOOR / OUTDOOR

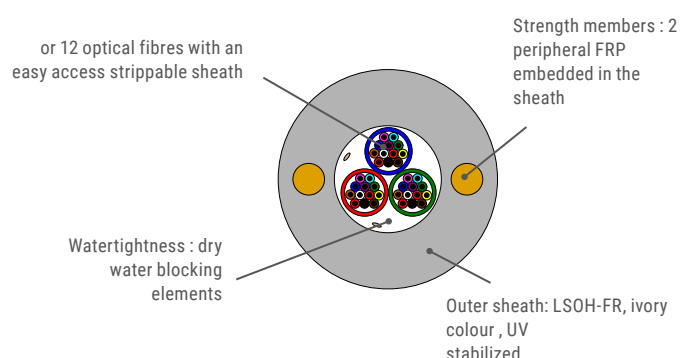


UND1636

APPLICATION

The ACOME UND1636 range has been designed as solution for building FTTH access networks.

This range is designed to provide pipework from the distribution point to the building's internal connection point. Thanks to its flame-retardant sheath (LSOH) suitable for indoor and outdoor use, there's no need to use a transition box with two types of cable - just one.



Installation performance that allows for laying in conduits by pulling over several hundred metres
LSZH flame-retardant inner/outer sheath compliant with CPR regulations, fire performance class Cca
Easy cable preparation with no risk of kinks on optical elements (end or mid-span)
Compact-Tube®

CHARACTERISTICS

CHARACTERISTICS		M6				M12			
		2 OF	4 OF	6 OF	48 OF	12 OF	24 OF	36 OF	48 OF
Temperature range	Storage	-40/ +70°C							
	Installation	-5/ +50°C							
	Operation	-30/ +70°C							
Maximum pulling force (N)		650			1110	900	1000		600
Crush resistance (N/cm)		200			200	125			200
Minimum bending radius (mm)		40			70	60			
Nominal cable diameter (mm)		5.5			9.6	6.1	8.6		9.2
Fire behaviour		CCa, s1a, d2, a1			CCa, s1a, d1, a1				
Storage		Indoor							
Marking of outer sheath		Year & week of manufacture – ACOME – number & type of fibres – product reference + metric							

PRODUCTS RANGE

CAPACITY	REFERENCE
12 fibres OS2 (1x12)	H0071A
24 fibres OS2 (2x12)	H0021A
36 fibres OS2 (3x12)	H0022A
48 fibres OS2 (4x12)	H0023A
Standard packaging	4000 m drums and multiples of 1000 metres thereafter

Greyed-out references are held in stock. Other configurations available upon request.



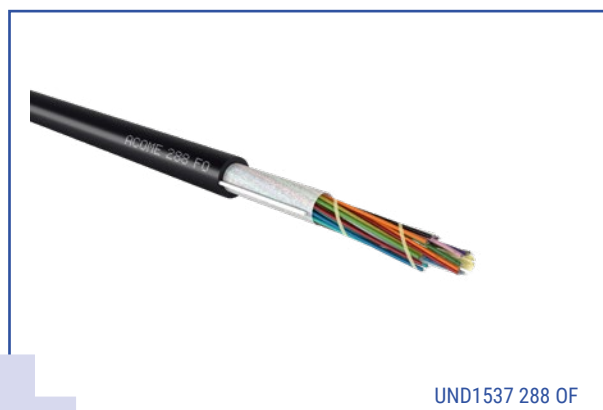
UND1537

FIBRE-OPTIC CABLE FOR OVERHEAD INSTALLATION OR INSTALLATION IN A DIELECTRIC CONDUIT

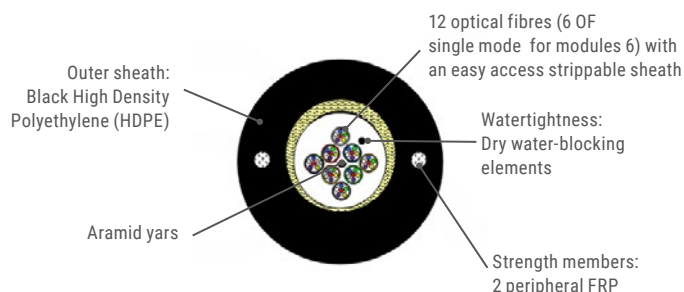
APPLICATION

The UND1537 range is the the solution for aerial, duct or facade installation for FTTx deployment. The UND1537 range is the ideal solution for overhead, duct or façade installation for deployment in RIPs zones. These cables are suitable for both telephones and low voltage poles.

Spans up to 70 m are possible, depending on environmental conditions and installed with its dedicated anchoring and suspension clamps. Refer to the ACOME installation sheets specific to each fibre count. UND1537 cables are compatible with various anchors on the market, which must be qualified in advance. This range of hybrid cables is also suitable for FTTO/FTTE deployments.



UND1537 288 OF



UND1537 cross-section view

Conception compactness. lightness and robustness for reliable operation in all types of deployment scenarios
Versatile: can be installed overhead , facade and into duct, with the intended use clearly marked on the sheath
Tool-free access to the fibres, with simple and safe cable preparation at both ends and mid-span.
Rodent protection option available

CHARACTERISTICS

CHARACTERISTICS		SERIE Z1358A	SERIE Z1359A	SERIE Z1365A	SERIE Z1361A	SERIE Z1362A	SERIE Z1363A	SERIE Z1366A	SERIE Z136A	SERIE Z1368A
Capacity		6md6, 12md12	12md6	24,36md6- 24,36,48md12	48,72md6	96md6	144md6	72md12	96, 144md12	288md12
Maximum pulling force (N)		650	1100	890-950	1180- 1300	3200	1950	1250	1750- 2700	3000
Minimum bending radius (mm)		45	59		71	101	92	71	85	100
Nominal cable diameter (mm)		6	7.8		9.4	13.5	12.2	9.4	11	13.7
Nominal weight (kg/km)		30	50	45	60	105	92	59	85	120
Crush resistance (N/cm)		200								
Temperature range	Transport & storage	-40°C / +70°C								
	Installation	-5°C / +50°C								
	Operation	-40°C / +70°C								
Marking of outer sheath		UND1537 AERIAL - Year & week of manufacture ACOME number & type of fibres – product reference + metric								

MODULARITY	FIBRE	6	12	24	36	48	72	96	144	288
6	Série	Z1358A	Z1359A	Z1365A		Z1361A		Z1362A	Z1363A	
	G652D	H0661A	H0664A	H0665A	H0666A	H0667A	H0668A	H0669A	H0670A	
	G657A2	H0338A	H0341A	H0342A	H0343A	H0344A	H0345A	H0346A	H0347A	
12	Série		Z1358A	Z1365A			Z1366A	Z1367A		Z1368A
	G652D		H0663A	H0671A	H0672A	H0673A	H0674A	H0675A	H0676A	H0677A
	G657A2		H0340A	H0348A	H0349A	H0350A	H0351A	H0352A	H0353A	H0354A

OVERHEAD AND UNDERGROUND DISTRIBUTION CABLES



UND1534

APPLICATION

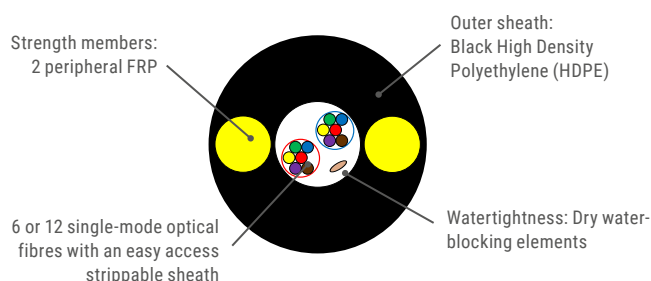
The UND ranges are ACOME's distribution solutions for FTTH networks.

The UND1534 range is the overhead solution for deploying fibre upstream and downstream of distribution points within FTTH and FTTO networks.

Allows up to 80m span. The UND1534 is compatible with various pre-qualified anchors available on the market. Blowing and pulling into ducts is also appropriate thanks to its mechanical features.

This cable is available with the ACOREX® option for rodent resistance.

Dielectric and dry water blocking
Easy identification of use thanks to "AERIAL" marking on the outer sheath
Versatile: can be installed overhead and into duct
Compact-Tube® technology for tool-free access to the fibre and easy storage of the module in Connectivity.
Easy cable preparation with no risk of kinking on Compact-Tube® optical elements (end or mid-span)



Câbles de distribution HEMERA city & campus

CHARACTERISTICS

CHARACTERISTICS		CABLES UNTIL 6 FIBRES	CABLES 12 FIBRES
Maximum pulling force (N)		800	1200
Minimum bending radius (mm)		60	80
Nominal cable diameter (mm)		6,1	7,8
Nominal weight (kg/km)		30	50
Crush resistance (N/cm)		200	
Temperature range	Stockage	-40 / +70°C	
	Installation	-5 / +50°C	
	Fonctionnement	-40 / +70°C	
Marking of outer sheath	Année et semaine fabrication - ACOME- nombre de fibres OS2 - référence produit + métrique		

PRODUCTS RANGE

CAPACITY	FIBRES G.652.D	FIBRES G.657.A2
2 fibres M2		N9702B
4 fibres M4		N9407C
6 fibres M6	R7839A	N9239B
12 fibres M6		N9238B

Greyed-out references are held in stock. Other configurations available upon request.



PRE-TERMINATED COR1821 / COR1823 CABLE

PRE-TERMINATED CONNECTION CABLE 1, 2 OR 4 OF

USE

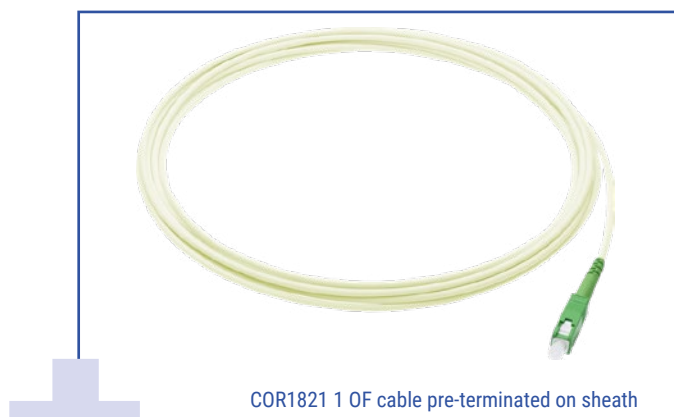
The ACOME COR1821 and COR1823 optical cables make it easy to create a connection between an Optical Distribution Point (ODP) and an Optical Terminal Outlet (OTO) on the subscriber's premises.



Cable COR1823 4 OF
pre-terminated 900 µm
Reel packaging



Dispenser box packaging



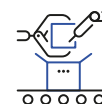
COR1821 1 OF cable pre-terminated on sheath



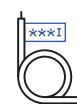
Meets applicable
standards



Easy assembly
with adhesive



Factory
assembly



Traceability

DESCRIPTION

The COR1821 indoor and COR1823 indoor/outdoor optical cables are SC pre-terminated directly on one end of the sheath (see technical data sheet for COR1821 or COR1823 for more specifications).

FIRE EUROCLASS



ACOME COR1821 cable



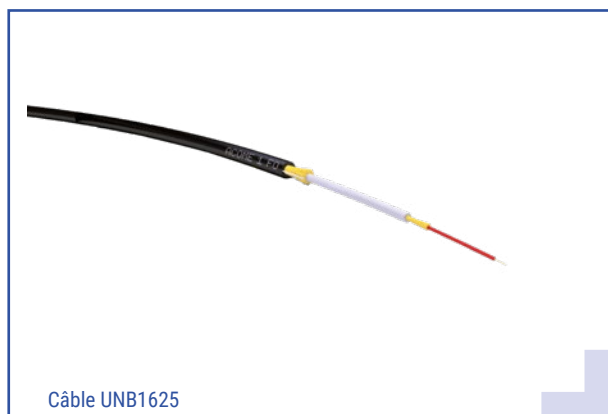
ACOME COR1823 cable

DESIGNATION		UNIT	COR1821		COR1823
Fibre type			G.657.A2		
Connector			SC/UPC or SC/APC		
Number of fibres			1	2	1, 2 ou 4
Insertion loss (IL)		dB	≤ 0.3 (typical 0.15 dB)		
Return loss (RL)		dB	≥ 50 (UPC) or ≥ 60 (APC)		
Max. cable diameter		mm	2,8	3	4,0
Cable length ⁽¹⁾		m	30, 50, 70 and 100		15, 30 and 50
Material	Protective sheath		UV stabilised Low Smoke Zero Halogen sheath (LSOH)		
Packaging					
Type			Bag (reel) or cardboard dispenser		

⁽¹⁾ For other lengths, contact us.

UNB1625 AND UNB1627

STRIPPABLE OPTICAL CABLE FOR OUTDOOR/INDOOR CABLE



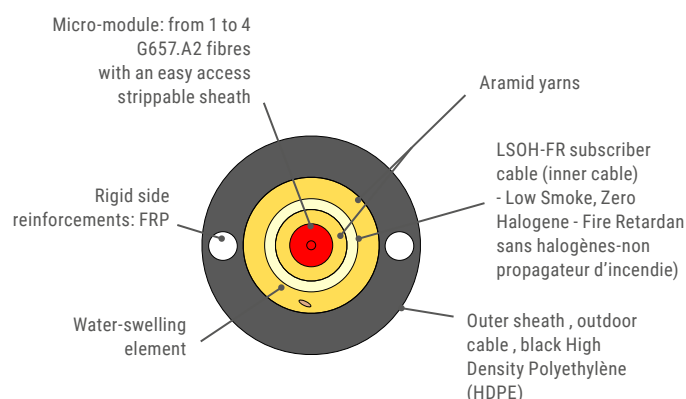
Câble UNB1625

Compactness and discretion: outer Ø 6.1 mm and inner Ø2,6 mm. Up to 50 m in overhead installation.
Easy extraction of the subscriber drop cable without intermediate cutting points, ensuring improved optical performance from the PBO to the PTO.
ACOREX® rodent protection option available.
 Cable drum made from **97% recycled materials and fully recyclable**.

APPLICATION

The UNB range of connection cables has been designed to meet the connection requirements of FTTH access networks. The UNB1625 and 1627 are a drop cable to link the subscribers' terminal outlet to the outdoor branching point whatever the configuration is : overhead, ducts or building facades.

The HDPE outer sheath can be stripped back over several metres, exposing an LSOH-FR subscriber drop cable that can then be installed in trunking or surface-mounted up to the indoor fibre outlet.



CHARACTERISTICS

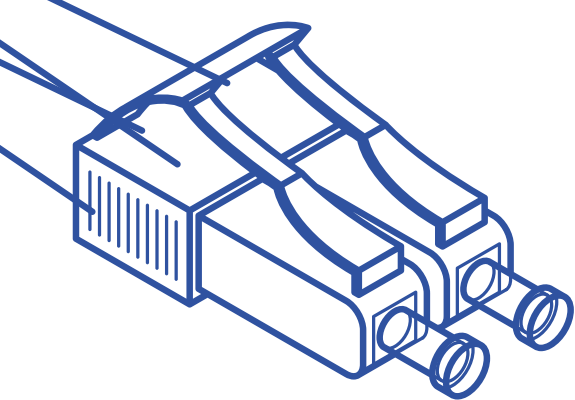
MECHANICAL CHARACTERISTICS				
Configuration		UNB1627 Serie Z1339A		UNB1625 Serie Z1194A
Fibre count		1	2	4
Modularity		1	2	4
Nominal diameter (mm)		Outdoor cable: 5 / Indoor cable: 2.3		Outdoor cable: 6.1 / Indoor cable: 2.6
Maximum pulling force (N)		Outdoor cable: 800 / Indoor cable: 100		Outdoor cable: 800 / Indoor cable: 150
Minimum bending radius (mm)		Outdoor cable: 50 / Indoor cable: 12.5		Outdoor cable: 60 / Indoor cable: 15
Nominal weight (kg/km)		Outdoor cable: 21 /Indoor cable: 5.2		Outdoor cable: 29 / Indoor cable: 6.5
Crush resistance (N/cm)		Outdoor cable: 200 / Indoor cable: 100		
Temperature range	Transport and Storage	-40°C / 70°C		
	Operation	Outdoor cable -40°C +70°C / Indoor cable 5°C +60°C		
Fire performance		Dca s2,d2,a2		
Marking of outer sheath		Year and week of manufacture – ACOME – number and type of fibres – product reference + metric		

PRODUCTS RANGE

CONTENANCE	G.657.A2
1	H0118B
2	H0151B
4	N9730A
Packaging	500 m drums

Greyed-out references are held in stock. Other configurations available upon request.





CONNECTOR ASSEMBLY WORKSHOP

In our optical connector assembly workshop on our Lannion industrial site, we have the capacity and skills to assemble a variety of connectors onto optical cables, including those suitable for industrial and military environments, which comply with specific standards. Our expertise enables us to meet a wide range of optical connectivity needs, guaranteeing reliable performance in line with the most stringent requirements.

MANUAL ASSEMBLY

FLEXIBILITY PRECISION

EXPERTISE **VARIED CHOICE**

ADAPTED PACKAGING

TAILORED PRODUCTION

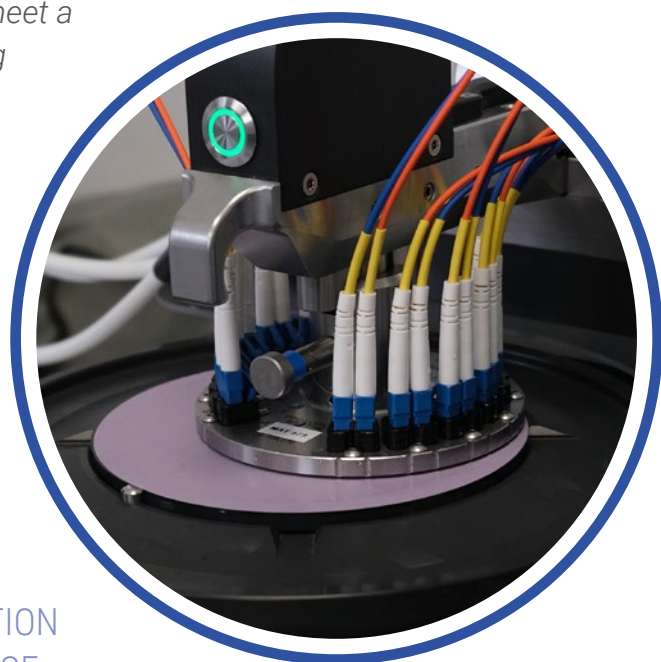
MASS PRODUCED AVAILABILITY IN STOCK

SHORT LEAD TIMES CUSTOMISATION

GUARANTEED PERFORMANCE

SMALL SERIES PREMIUM CONNECTORS

MADE IN FRANCE



A WIDE RANGE OF FIBRES

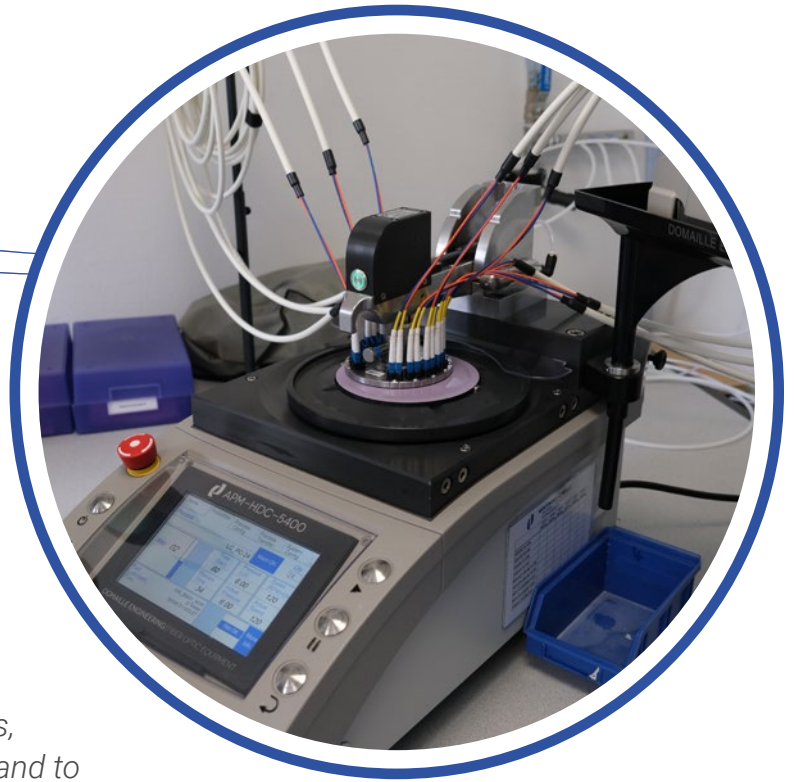
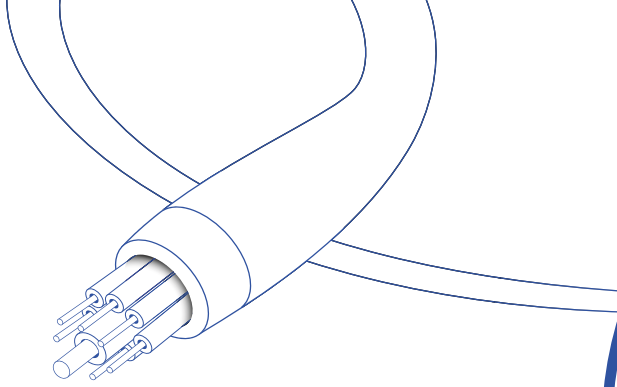
Multimode

- OM1
- OM2
- OM3
- OM4
- OM5

Monomode

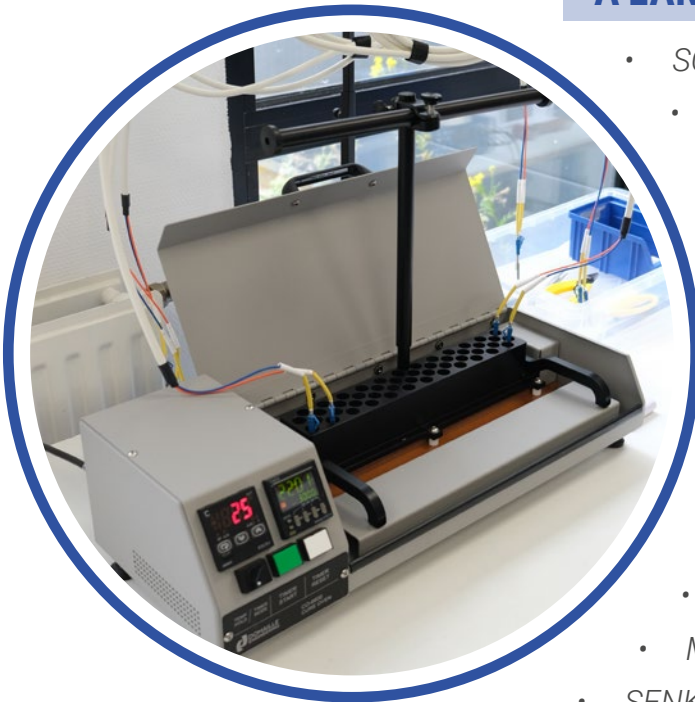
- G.652.D
- G.657.A1
- G.657.A2

And other fibres available on request.



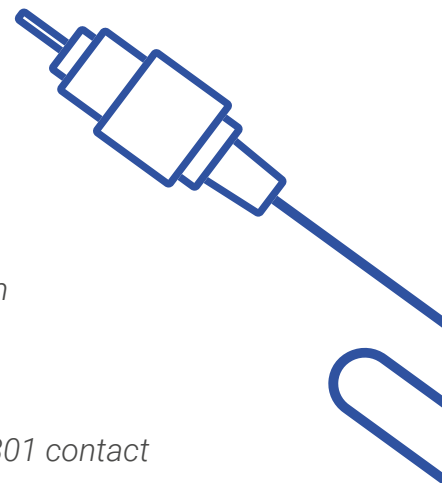
Our workshop stands out for its ability to offer high-quality optical connector assembly services, tailored to the specific needs of each customer and to the requirements of the most demanding environments. Our experience in this field means we can guarantee optimum performance in terms of data transmission and durability. Our optical connector assemblies undergo rigorous testing to ensure unrivalled quality and reliability.

A LARGE CATALOGUE OF CONNECTORS



- SC
- LC
- ST
- FC
- E2000
- Hermaphrodite
- Tactical cable drum
- Expanded bundles
- MIL-DTL-83526
- EN4644 with ARINC 801 contact
- MIL-DTL-38999 with ARINC 801 contact
- MIL-DTL-38999 with ELIO contact
- SENKO® IP-series

And many more...



PRE-TERMINATED CABLES

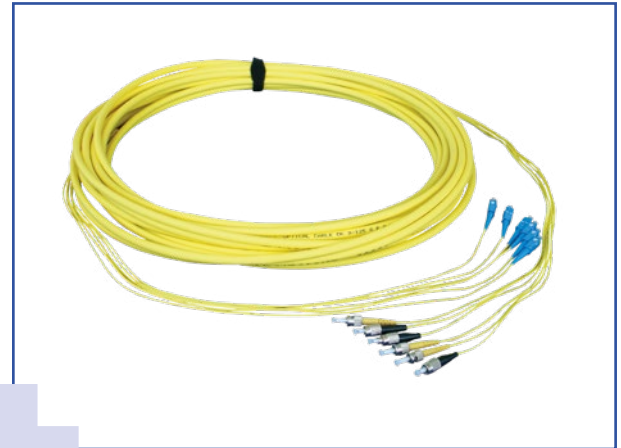
Discover more
pre-terminated cables
CSX1811 p.30
NMC3210 p.28



BREAKOUT AND MINI-BREAKOUT CABLES

The breakout, or multi-patch cord cables allow for quick connections between transmission equipment. They facilitate the installation and management of cabling in the frames and cable trays. They are available in single-mode or multimode (OM2 to OM5) 2 mm jacketed fibres, in configurations from 4 to 24 fibres. They are produced to your specifications for all lengths.

The mini-breakout cables have the same characteristics as breakout cables but the fibres are 900 µm jacketed. They are mainly used to make the connection inside an optical rack avoiding on-site polishing or pigtail soldering. They are supplied with a pulling and protection sock for an optimal guarantee.



SPECIFICATIONS

- Straight or stepped connectors;
- PC, UPC and APC polishing;
- Glass fibre reinforced cables - LSZH;
- ROHS compliant.

FREE STRUCTURE BREAKOUT

Breakout cables can also be made from single-tube free-structure cable, 6 to 24 fibres. A fan out is installed on the cable and each fibre is then jacketed 2 mm individually. This type of assembly also offers the possibility of soldering one end of the cable in a tray. This type of assembly is available on LSZH indoor/outdoor cable, or steel armoured HDPE cable.



SPECIFICATIONS

- Stepped connectors;
- Drawing/installation protection;
- Glass fibre reinforced cables-LSZH or steel armoured HDPE;
- ROHS compliant.

DESIGNATION		UNIT	SINGLE-MODE	MULTIMODE
Fibre type			G.652, G.657	OM2, OM3, OM4, OM5
Connector			SC, FC, ST, LC, MU, E2000	
Connector type			UPC or APC	PC
Number of fibres	Breakout and mini-breakout cables		4 to 24	
	Free structure breakout		6 to 24	
Insertion loss (IL)		dB	Typ 0.2 max. 0.3	
Return loss (RL)		dB	> 50 (UPC) or > 60 (APC)	> 30 (PC)
Repeatability (500 cycles)		dB	< 0.2	
Operating temperature		°C	-25 / +70	

PRE-TERMINATED CABLES

MICRO BREAKOUT CABLES

Micro breakout cables are made from a 5 mm diameter cable with aramid strand reinforcements of 12 and 24 optical fibres. A fan out is installed on the cable to allow for the over-jacketing of each individual fibre. The half-micro breakout configuration allows one end of the cable to be connected in a tray.

Micro breakout cables allow for quick connection:

- between active equipment;
- between active equipment and optical heads;
- between optical heads.

These small-diameter micro breakouts facilitate installation and wiring in frames and cable trays. They are composed of single-mode (G.652 or G.657) or multimode fibres which can be jacketed in 900 µm or 2 mm at their ends. They are made according to the following specifications:

- total length;
- fan out length;
- jacketing at the ends: 900 µm or 2 mm;
- traight or offset connectors.

It is also possible to design half micro breakout cables if one end needs to be spliced.

SPECIFICATIONS



Protective sock supplied to guarantee that connectors are not damaged during installation.



Example of equipment front panel connection



Example of a connection in an iTOM-V3 rack

DESIGNATION	UNIT	SINGLE-MODE	MULTIMODE
Insertion loss (IL)	dB	Typ 0,2 max. 0,3	
Return loss (RL)	dB	> 50 (UPC) or > 60 (APC)	> 30 (PC)
Repeatability (500 cycles)	dB	< 0,2	
Operating temperature	°C	-25 / +70	



CONSOLIDATION POINT

APPLICATION



Protected splicing area to ensure secure network operation;
High-quality pigtails and adapters for guaranteed performance
Secured by lock or seal
Three-direction drop cable routing for simplified deployment

CHARACTERISTICS

CHARACTERISTICS	CP 24 FUSION	CP AVEC RACCORDS
Dimensions (HxDxW)	290 x 170 x 50 mm	350 x 200 x 50 mm
Number of fibres	24	Up to 12 or 24
Number of connectors	NA	6 or 12 LC duplex
Splitter	NA	Up to 3 of 1 to 8
Weight	1.8 kg	2.5 kg
Full case protection	IK 10 - IP 30	
Operating temperature	-25 / +70 °C	
Interfaces	Through-hole for PACE cable up to Ø 13.5 mm Outlets: 3 x 8 connection tubes or cables up to Ø 6.2 mm (bottom left and right)	
Accessories included	PACE IC5658 locking clip and mounting brackets for cable trays. A lock is fitted to certain versions; this is specified in the parts list.	

PRODUCTS RANGE

CP FUSION ENCLOSURE	
REFERENCE	DESIGNATION
IB1388	CP enclosure for 24-fibre consolidation point, fusion splicing, without adapters
IB1404	CP enclosure for 24-fibre consolidation point, fusion splicing, without adapters, with viewing window

CP ENCLOSURE WITH ADAPTERS AND PIGTAILS				
REFERENCE	CONNECTIVITY	FIBRE	CONNECTORS	DESIGNATION
IB1407	LC Duplex	OM3	6	CP enclosure 12 OF 12 PIGTAILS OM3 LC DUPLEX
IB1409	LC Duplex	OM4		CP enclosure 12 OF 12 PIGTAILS OM4 LC DUPLEX
IB1406	LC Duplex	G.657.A2		CP enclosure 12 OF 12 PIGTAILS G.657.A2 LC DUPLEX
IB1449	LCA Duplex			CP enclosure 12 OF 12 PIGTAILS G.657.A2 LCA DUPLEX + key lock
IB1389	LC Duplex	OM3	12	CP enclosure 24 OF 24 PIGTAILS OM3 LC DUPLEX
IB1410	LC Duplex	OM4		CP enclosure 24 OF 24 PIGTAILS OM4 LC DUPLEX
IB1390	LC Duplex	G.657.A2		CP enclosure 24 OF 24 PIGTAILS G.657.A2 LC DUPLEX
IB1450	LCA Duplex			CP enclosure 24 OF 24 PIGTAILS G.657.A2 LCA DUPLEX + key lock

CP ENCLOSURE WITH ADAPTERS ONLY			
REFERENCE	CONNECTIVITY	RACCORDS	DESIGNATION
IB1446	LC Duplex	12	CP enclosure 24 OF LCU DUPLEX + Key lock

CP ENCLOSURE WITH ADAPTERS AND SPLITTERS*			
REFERENCE	CONNECTIQUE	RACCORDS	DESIGNATION
IB1391	LC Duplex	4	Enclosure POL CP 1 Splitter 1 vto 8 G.657 LC DUPLEX
IB1392		8	Enclosure POL CP 2 Splitter 1 to 8 G.657 LC DUPLEX
IB1393		12	Enclosure POL CP 3 Splitter 1 to 8 G.657 LC DUPLEX

ACCESSOIRE	
REFERENCE	DESIGNATION
IB1451	911A3 lock with 2 × 405 keys and cam

Greyed-out references are held in stock. Other configurations available upon request.



iLIA-V2

SLIDING OPTICAL FIBRE RACK



USE

The iLIA-V2 is a sliding 19"-1U optical fibre rack for optical fibre cable connection by splicing or being pre-connectorised. Light in weight and cost effective, it has all the security and reliability guarantees for your fibre optical network installations and maintenance.

To save time when installing, the racks are shipped pre-fitted with connections and pigtails.



iLIA-V2-12 LC DX



iLIA-V2-24 SC DX
in open position



iLIA-V2-24 SC SX



Recycled
polycarbonate



Sliding



Cable entry
left / right



Lightweight

DESCRIPTION

The iLIA-V2 optical fibre rack is composed of:

- 1 static polycarbonate cover to support and protect the unit;
- 1 sliding plate used to anchor up to two optical cables on the right cable entry or two optical cables on the left cable entry, fitted with a system to lock it in the open position;
- 2 mixed 19" and ETSI fixing brackets allowing for assembly in all types of frame;
- 1 complete mounting kit (cage nuts, screws, cable gland, ties);
- 1 rear BEC anchoring support, optional;
- 1 patch cord support to manage the patch cord flow on the front panel, optional;
- 1 optional cable guide ring support.



ETSI fixing bracket extensions



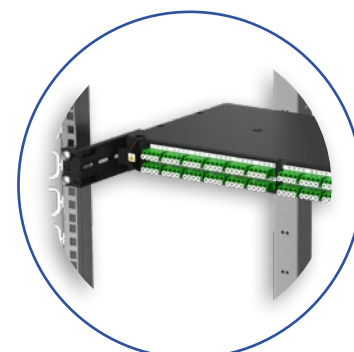
iLIA-V2-96 LC DX



iLIA-V2-96 LC QUAD with
optional patch cord support



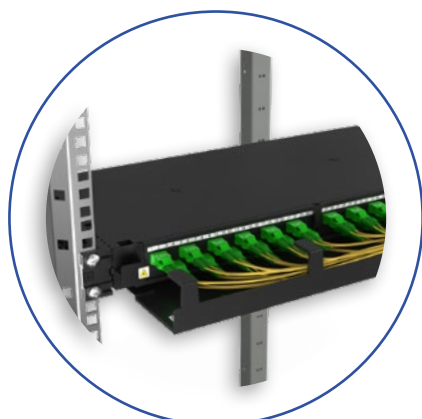
iLIA-V2-96 preconnectorized



Adjustable front/rear depth thanks to
fixing bracket

iLIA-V2

SLIDING OPTICAL FIBRE RACK



Optional patch cord support (IB1441)



BEC anchoring option (IB1401)



Optional cable guide ring support (IB1470)

DESIGNATION		UNIT	iLIA-V2-6	iLIA-V2-12	iLIA-V2-24	iLIA-V2-48	iLIA-V2-64	iLIA-V2-72	iLIA-V2-96
Height		U	1						
Capacity	Fibres		6	12	24	48	64	72	96
	SC-E2000 LC FC-ST		6 SX - -	12 SX or 6 DX 6 DX 12	24 SX or 12 DX 12 DX 24	48 SX or 24 DX 24 DX ou 12 QUAD -	- 16 QUAD -	- 36 DX -	- 48 DX ⁽¹⁾ or 24 QUAD -
Splice tray		24 splices	1 (24 OF)	1 (24 OF)	1 (24 OF)	2 (48 OF)	3 (72 OF)	3 (72 OF)	4 (96 OF)
Cable entry ⁽²⁾			2						
Max. cable diameter		mm	12						
Total dimensions (HxDxW)		mm	44 x 229 x 490 (19") / 532 (ETSI)						
Distance between front face and profile rail		mm	-63 / +118						
Weight ⁽³⁾		kg	1.4						
Operating temperature		°C	-25 / +70						
Material			Glass-fibre reinforced recycled polycarbonate						
Colour		RAL	● 9005 (dark black)						

⁽¹⁾ 48 DX version only available in vertical position. ⁽²⁾ Number of available cable entries for the splice tray version (trays and pigtails). By default, the optical cable entries are on the right but the optical fibre rack can be configured with the optical cable entries on the left. ⁽³⁾ 24 SC Configuration without cable gland.

PRODUCTS RANGE

DESIGNATION	OM3/OM4				OM5			OS2			
	6 OF	12 OF	24 OF	48 OF	12 OF	24 OF	48 OF	6 OF	12 OF	24 OF	48 OF
iLIA-V2 connectors SC duplex		IB1425	IB1426						IB1433	IB1434	
iLIA-V2 connectors SC duplex + pigtail SC duplex		IB1427	IB1428	IB1444	IB1489	IB1490	IB1491		IB1435	IB1436	IB1445
iLIA-V2 connectors SCA duplex + pigtail SCA duplex									IB1461	IB1462	IB1478
iLIA-V2 connectors SCA Simplex + pigtail SCA Simplex									IB1442	IB1463	IB1467
iLIA-V2 connectors LCA duplex + pigtail LCA duplex									IB1480	IB1481	
iLIA-V2 connectors LC duplex		IB1429	IB1430						IB1437	IB1438	
iLIA-V2 connectors LC duplex + pigtails LC duplex	IB1681	IB1431	IB1432	IB1447	IB1486	IB1487	IB1488	IB1680	IB1439	IB1440	IB1448

ACCESSORIES

REFERENCE	DESIGNATION
IB1401	Mounting kit for BEC:
IB1441	1 rear mounting plate for BEC - 1 BEC-72/144-6T - 1 m of corrugated tubing - 1 fixing kit
IB1733	Patch cord support for rack iLIA
	Cable guide ring support for rack iLIA

Greyed-out references are held in stock. Other configurations available upon request.



iLIA-V1-96-PRE-CABLED

SLIDING OPTICAL FIBRE RACK - PRE-CABLED

USE

The iLIA-V2-pre-CABLED is a pre-connectorised 19" format sliding optical fibre rack. It is very compact and has up to 96 LC connections over a 1U height.



iLIA-V1-96-PRE-CABLED with 24 connectors horizontal LC quad



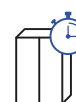
iLIA-V1-96-PRE-CABLED



Sliding



Direct front access



Fast deployment



Factory splicing

DESCRIPTION

The iLIA-V1-96-PRE-CABLED is composed of:

- 1 fixed metal cover supporting and protecting the whole unit;
- 1 sliding tray equipped with a locking device in the open position;
- 2 mixed 19" and ETSI fixing brackets allowing for assembly in all types of frame;
- 1 complete mounting kit (cage nuts, screws, cable gland, ties);

The cable fibres are pre-connectorised by welding to the rack pigtails.

A solution that guarantees optical performance and facilitates maintenance.



Cables anchored at the back of the rack

DESIGNATION		UNIT	
Height		U	1
Capacity	LC	fibre	96 (48 DX ou 24 QUAD) ⁽¹⁾
Splice tray		24 splices	4
Cable length		m	20 ⁽²⁾
Overall dimensions (HxDxW)		mm	44 x 247 x 483 (19") / 533 (ETSI)
Distance front panel/upright		mm	27 / 102 ⁽³⁾
Weight ⁽⁴⁾		kg	7.0
Operating temperature		°C	-25 / +70
Material			Steel
Colour ⁽⁵⁾		RAL	● 9005 (dark black)

⁽¹⁾ Horizontal or vertical connectors are available upon request. ⁽²⁾ For other lengths, contact us. ⁽³⁾ Distance of 29 / 119 mm for ETSI mounting.

⁽⁴⁾ Weight for 20 m of cable. ⁽⁵⁾ For other colours, contact us.

iLIA-V1 MIXTE

COMBINED OPTICAL - COPPER RACK

USE

The iLIA MIXTE optical fibre rack is a scalable solution for providing optical and copper connectivity in a 19" frame. The fibre and copper parts are separated mechanically in order to clearly distinguish between the two transmission media. The iLIA MIXTE optical fibre rack is designed to allow optical connection with a pre-terminated or spliced cable.



Optical fibre rack equipped with a 12 OF pre-terminated cable and 12 four pair twisted cables



iLIA-V1 MIXTE 12 SC - 12 RJ45



Sliding



Direct front-panel access



Left / right cable input



"Combined 19" / ETSI



Optical fibre rack equipped with a 12-splice tray

DESCRIPTION

The iLIA-MIXTE optical fibre rack is composed of:

- 1 fixed metal cover supporting and protecting the whole unit;
- 1 sliding tray for anchoring up to two optical cables to be spliced or pre-terminated on the left, and up to 12 twisted pair cables on the right, separated by a partition;
- 1 complete mounting kit (cage nuts, screws, cable gland, cable ties).

NAME		UNIT	
Height		U	1
Capacity	SC-E2000 LC	fibre	12 (12 SX)
			24 (12 DX)
	RJ45	copper	12
	breakouts	fibre	2
Tray		12 splices	2
Overall dimensions (HxDxW)		mm	44 x 271 x 483 (19") / 533 (ETSI)
Distance front panel / upright		mm	-55 / 154
Weight ⁽¹⁾		kg	4.0
Operating temperature		°C	-25 / +70
Material			Steel
Colour		RAL	● 9005 (dark black)

⁽¹⁾ Empty.



iTOM-V3

PIVOTING OPTICAL RACK

USE

The iTOM-V3 is a 19" format pivoting optical fibre rack designed to connect optical fibre cables by splicing. Highly compact, it has 144 SC type connection points over a 3U height. It is especially suitable for FttH subscriber services in shared indoor or outdoor points.



iTOM-V3-144-CG 3U

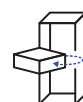


iTOM-V3-144-CG 3U

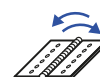
DESCRIPTION

The iTOM-V3 is composed of:

- 1 static part used to guide the transport tubes to the splicing tables;
- up to 6 separate right or left pivoting tables of a 24-fibre SC connection capacity;
- 1 clear pivoting front flap per table giving direct visual and physical access to the connections (for maintenance and cleaning operations);
- 1 large format splice tray per table;
- 1 rear securing bracket for optional cable spreaders available on option.



Pivoting



Hinge
right / left



Lightweight



Identification

Access to a pigtail requires only one tray to be opened, providing **greater safety** during maintenance work.

Large format splice tray.

Easy cleaning of the rack by opening the front flap.

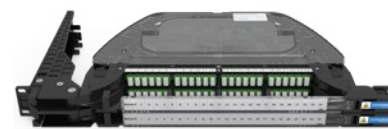
Quick identification using a VFL, thanks to the clear front flap.



iTOM-V3-144-CG 3U



iTOM-V3-96-CG 2U



iTOM-V3-48-CG 1U



Easy splicing with the large IOC4 tray



iTOM-V3-144-CG 3U
fitted with a rear lashing bracket



Simplified locking



The pivoting front shutter facilitates cleaning operations



Quick identification with the use of a VFL, thanks to the clear front shutter

DESIGNATION		UNIT	iTOM-V3 1U	iTOM-V3 2U	iTOM-V3 3U
Height		U	1	2	3
Capacity ⁽¹⁾	SC-E2000 LC	fibre	48 (48 SX) 48 (48 SX or 24 DX)	96 (96 SX) 96 (96 SX or 48 DX)	144 (144 SX) 144 (144 SX or 72 DX)
Tray		24 splices	2	4	6
Max. cord diameter		mm	2.0		
Overall dimensions (HxDxW)		mm	44 x 260 x 483 ⁽²⁾⁽³⁾	88 x 260 x 483 ⁽²⁾⁽³⁾	133 x 260 x 483 ⁽²⁾⁽³⁾
Distance front panel/upright		mm	29.5		
Weight ⁽⁴⁾		kg	1.6	2.9	4.2
Operating temperature		°C	-25 / +70		
Material			Fibre glass reinforced polycarbonate		
Colour		RAL	● 9005 (dark black)		
Option			Back anchoring deck		

⁽¹⁾ Other connection system on request. ⁽²⁾ Depth 310 mm with back anchoring option for cable breakout box. ⁽³⁾ ETSI Adaptation available on request.

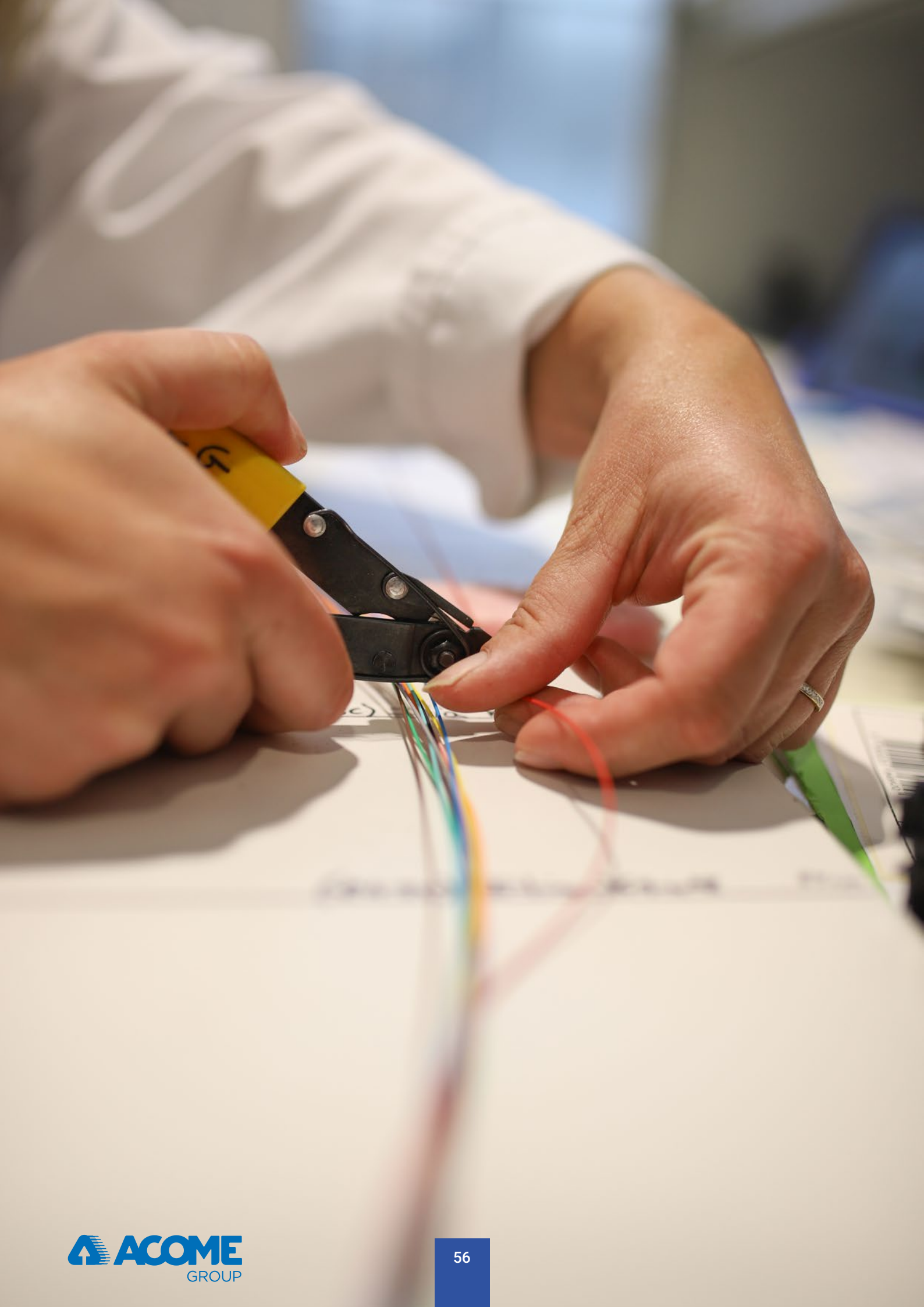
⁽⁴⁾ Empty.

RANGE PRODUCTS

REFERENCE	HEIGHT	1U	2U		3U	
	FIBRE CAPACITY	48	96		144	
	HINGE	Right	Right	Left	Right	Left
Pigtails G.657A2	LC/UPC Duplex connectors (OS2)	IC5988	IC5989	-	IC6031	-
	SC/APC Simplex connectors (OS2)	IC6033	IC6029	IC6008	IC6030	IC6015
	SC/UPC Simplex connectors (OS2)	-	IB1383	-	IB1384	-
Pigtails OM3	LC/UPC Duplex connectors(OM3)	IB1415	IB1416	-	IB1417	-
	SC/UPC Simplex connectors (OM3)	-	IB1381	-	IB1382	-
Pigtails OM4	LC/UPC Duplex connectors (OM4)	-	IB1411	-	IB1412	-
	SC/UPC Simplex connectors (OM4)	-		-	IB1408	-
Without pigtails	SC/APC Simplex connectors (OS2)	IC6025	IC6026	IC5955	IC6027	IC5954
Fixing accessory: bracket for a two amounts		IB1419	IB1395		IB1396	

Greyed-out references are held in stock. Other configurations available upon request.



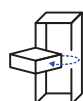


iTOM-V3-144 PRE-CABLED

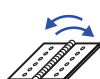
PIVOTING OPTICAL RACK - PRE-CABLED



iTOM-V3-144 pre-cabled



Pivoting



Hinge
right/left



Quick
deployment



Spliced
in the factory

Large format tray.

Easy to clean by opening the front flap.

Quick identification using a VFL thanks to the clear front flap.

A solution that guarantees optical performance and facilitates maintenance.

USE

The iTOM-V3-144 pre-cabled is 19" pre-terminated pivoting optical rack. Highly compact, it has 144 SC or LC type connection points over a 3U height.



Packaging iTOM-V3-144 pre-cabled

DESCRIPTION

The iTOM-V3-144 pre-cabled is composed of:

- 1 static part with a cable fanning out system with transport tube guides to the trays;
- 6 separate right or left pivoting trays of a 24 fibre SC/ APC connection capacity.

The cable fibres are pre-terminated by welding to the rack pigtails.

DESIGNATION		UNIT	iTOM-V3-144 PRE-CABLED with side bracket	iTOM-V3-144 PRE-CABLED with rear bracket
Height		U	3	
Capacity	SC-E2000	fibre	144 (144 SX)	
	LC		144 (144 SX ou 72 DX)	
Tray		24 splices	6	
Max. cord diameter		mm	2.0	
Overall dimensions (HxDxW)		mm	133 x 260 x 483 ⁽¹⁾	133 x 310 x 483 ⁽¹⁾
Distance front panel/upright		mm	29.5	
Operating temperature		°C	-25 / +70	
Material			Fibre glass reinforced polycarbonate	
Colour		RAL	● 9005 (dark black)	

PACKAGING	25M CABLE	50M CABLE	150M CABLE
Dimensions (HxDxW) of the packaging	180 x 800 x 1200		360 x 800 x 1200
Weight	8.9 ⁽²⁾ / 10.2 ⁽³⁾	11.4 ⁽²⁾ / 12.7 ⁽³⁾	23.2 ⁽²⁾ / 24.5 ⁽³⁾
Packaging	1230 x 800 x 1210 (3 boxes / pallet)		

⁽¹⁾ ETSI adaptation available on request. ⁽²⁾ Weight with side bracket. ⁽³⁾ Weight with rear bracket.



iTOM-HD

HIGH DENSITY PIVOTING OPTICAL FIBRE RACK



Discover all its advantages in video.

USE

The iTOM-HD is a 19" format pivoting optical fibre rack designed to connect optical fibre cables by splicing. Highly compact, it has up to 288 LC type connection points, or 144 SC type connection points over a 3U height. The 30° connectors provide better cord guidance on exit from the module.

It is especially suitable for FttH subscriber services in shared indoor or outdoor points.



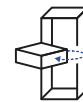
iTOM-HD-2U-CD



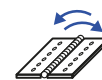
iTOM-HD-3U-CD



iTOM-HD-1U-CD



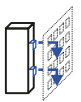
Pivoting



Right / left hinge



Lightweight

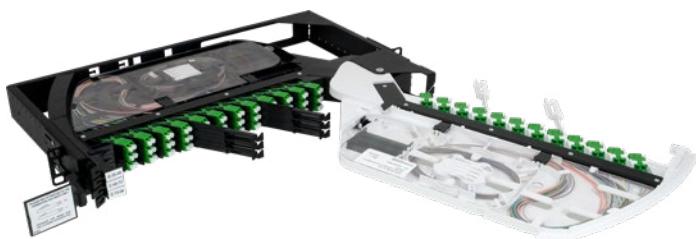


Anchoring

DESCRIPTION

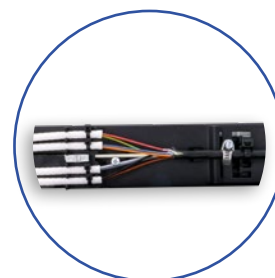
The iTOM-HD is composed of:

- 1 static part used for fixing cable anchors and guiding protection tubes to the splicing plates;
- 2 x 19" depth-adjustable fixing brackets for both front and rear mounting;
- up to 16 separate right or left pivoting plates with a 24 fibre capacity for LC connections or 12 fibre for SC connections;
- 1 large format splicing area per plate;
- 1 connector removal tool per optical fibre rack.

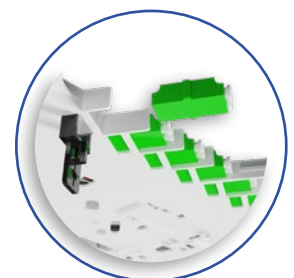


iTOM-HD-1U-CD in open position

Good safety during work, access to a fibre only requiring a single tray to be opened.
Large format splicing area.
Adjustable mounting depth.



Rear anchoring support for ACS or BEC type cables



Connector removal tool



UNIBOOT PUSH-PULL cables are particularly suitable for this rack.
► see p. 68

HIGH DENSITY PIVOTING OPTICAL FIBRE RACK



Numbered belt and
19» depth-adjustable fixing
brackets



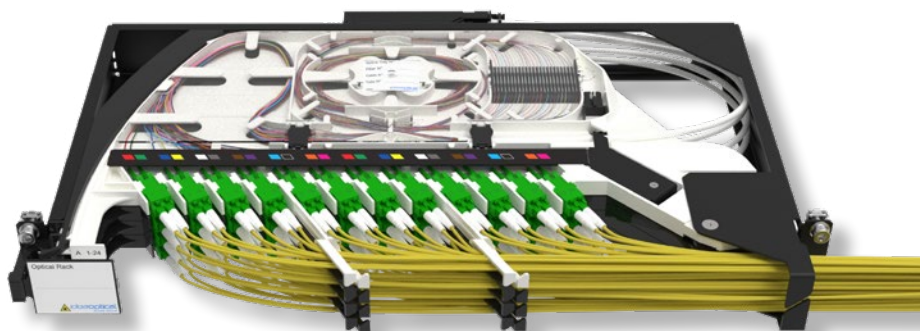
Simplified locking



Large format splicing area



Available in a 24 fusion splice
protection version or 24 crimped splice
protection version (ANT)



Connection operation made easier
by the 30° connector angle

DESIGNATION		UNIT	ITOM-HD-1U	ITOM-HD-2U	ITOM-HD-3U
Height		U	1	2	3
Capacity	SC-E2000	fibre	48 (48 SX)	96 (96 SX)	144 (144 SX)
	LC		96 (48 DX)	192 (96 DX)	288 (144 DX)
Splice tray		24 splices	4	8	12
Fibre type			G.652.D, G.657.A1, G.657.A2		
Max. cord ⁽¹⁾ diameter		mm	2.0		
Total dimensions (HxDxW) ⁽²⁾		mm	44 x 284 x 483	88 x 284 x 483	133 x 284 x 483
Distance between front face and profile rail		mm	35 / 210		
Weight ⁽³⁾		kg	2	4	6
Operating temperature		°C	-25 / +70		
Material			Steel and polycarbonate		
Colour		RAL	● 9005 (jet black) and ○ 9003 (traffic white)		
Options			19" rear fixing bracket		

⁽¹⁾ We recommend using cords fitted with LC connectors without a release lever or with a height of less than 8.8 mm. ⁽²⁾ ETSI Adaptation available on request. ⁽³⁾ Empty.



iTOM-HD PRE-CABLED

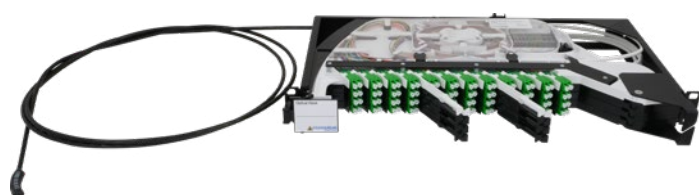
HIGH DENSITY PIVOTING OPTICAL FIBRE RACK



Discover all its advantages in video.

USE

The iTOM-HD PRE-CABLED is a 19" format pre-terminated pivoting optical fibre rack designed to connect spliced optical fibre. Highly compact, it has up to 288 LC type connection points, or 144 SC type connection points over a 3U height. The 30° connectors provide better cord guidance on exit from the module. It is especially suitable for FttH subscriber services in shared indoor or outdoor points.



iTOM-HD-1U PRE-CABLED



iTOM-HD-3U PRE-CABLED



DESCRIPTION

The iTOM-HD-1U-96FO consists of:

- 1 static part with a cable fanning out system with transport tube guides to the splice trays;
- up to 12 separate right or left pivoting plates with a 24 fibre capacity for LC connections or 12 fibre for SC connections;
- 1 large format splicing area per plate;
- 1 connector removal tool per rack.

The cable fibres are pre-terminated by welding to the rack pigtails.



Pivoting



Right / left hinge



Quick deployment

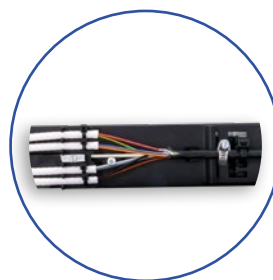


Spliced in the factory

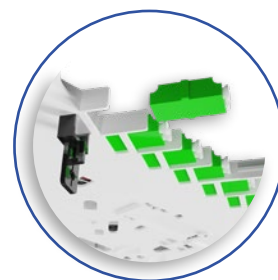
Good safety during work, access to a fibre only requiring a single plate to be opened.



Cables anchored at the back of the rack



Fastening support for cables type ACL or BEC



Connector removal tool



UNIBOOT PUSH-PULL cables are particularly suitable for this rack.
► see p. 68

iTOM-HD PRE-CABLED

HIGH DENSITY PIVOTING OPTICAL FIBRE RACK



Numbered belt and
19" depth-adjustable fixing
brackets



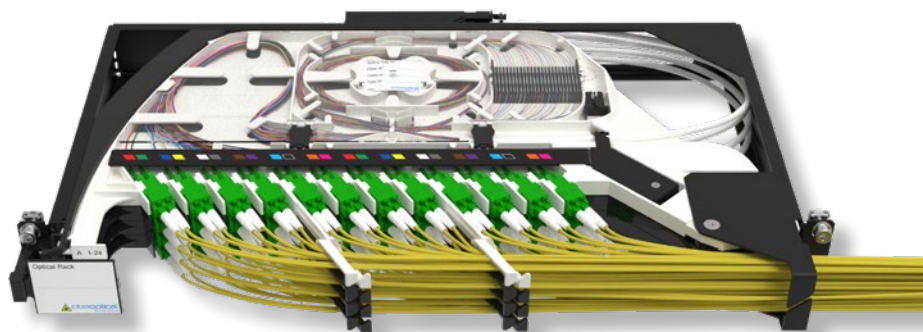
Simplified locking



Hinged label holder flap



Available in a 24 fusion splice
protection version or 24 crimped splice
protection version (ANT)



Connection operation made easier
by the 30° connector angle

DESIGNATION		UNIT			
Height		U	1	2	3
Capacity	SC-E2000	fibre	48 (48 SX)	96 (96 SX)	144 (144 SX)
	LC		96 (48 DX)	192 (96 DX)	288 (144 DX)
Splice Tray		24 splices	4	8	12
Max. cord ⁽¹⁾ diameter		mm	2,0		
Cable length		m	30 ⁽²⁾		
Total dimensions (HxDxW) ⁽³⁾		mm	44 x 304 x 483 ⁽⁴⁾	88 x 310 x 483 ⁽⁵⁾	133 x 310 x 483 ⁽⁵⁾
Distance between front face and profile rail		mm	36		
Weight		kg	6	9	12
Operating temperature		°C	-25 / +70		
Material			Steel et polycarbonate		
Colour		RAL	● 9005 (dark black) et ○ 9003 (signal white)		
Packaging					
Dimensions (HxDxW) of the packaging			180 x 1210 x 810		
Weight ⁽⁶⁾			9,0	12,0	15,0
Packaging			1230 x 800 x 1210 (3 boxes / pallet)		

⁽¹⁾ We recommend using cables with LC connectors without a release lever or with a height of less than 8.8 mm.

⁽²⁾ For other lengths, contact us. ⁽³⁾ ETSI adaptation available on request. ⁽⁴⁾ Equipped with fastening support type ACL. ⁽⁵⁾ Equipped with fastening support type ACL.

⁽⁶⁾ Weight with 30 m of cable.





USE

The iROC rack is intended for high-density applications requiring 144 optical fibres on 1U and 288 optical fibres on 2U. Its modular design provides the flexibility and scalability required for all single-mode and/or multi-mode connection applications.



iROC-2 2U fitted with iMOD-ROC-24 modules



iROC-6 1U fitted with iMOD-ROC-8 modules



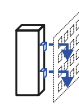
iROC-2 1U fitted with iMOD-ROC-24 modules



Sliding



Front and back access



Anchoring



Identification

DESCRIPTION

The iROC is composed of:

- 1 19" modular chassis for up to 4 / 6 / 12 / 18 modules on 1U or 8 / 12 / 24 / 36 modules on 2U;
- 1 metallic pivoting flap on the front panel for fibre identification and patch cord guiding;
- 1 removable metallic back tray, short or long, and its protective cover in option for anchoring pre-terminated or spliced cables.



Short removable back tray for anchoring cables and its protective cover (optional)



iROC-2 1U fitted with iMOD-ROC-24 modules and removable long back tray available in two different sizes (optional)



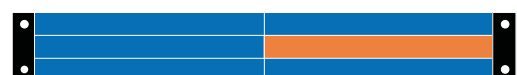
iROC-4 - 12 iMOD-ROC-12



iROC-6 - 18 iMOD-ROC-8



iROC-4 - 4 modules iMOD-ROC-36

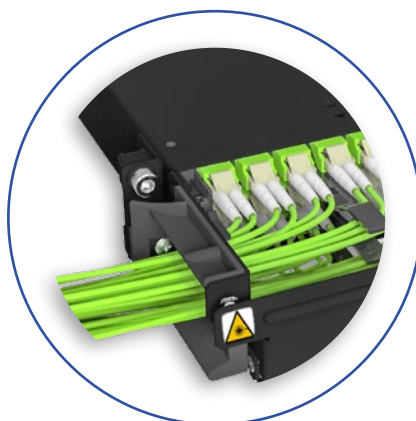


iROC-2 - 6 modules iMOD-ROC-24

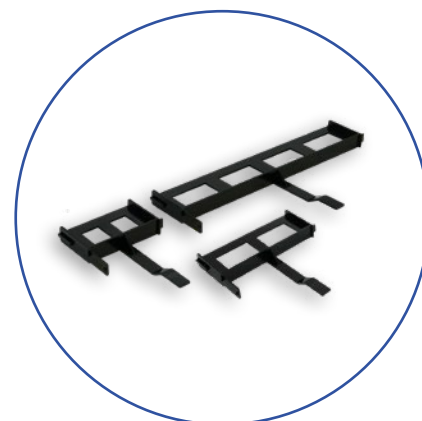
HIGH DENSITY MODULAR OPTICAL RACK



Anchoring of pre-terminated cable
or spliced cables



Patch cord guide and marking area



Shutter panels

DESIGNATION		UNIT	iROC 1U	iROC 2U
Height		U	1	2
Capacity	fibres		144	288
	modules	iMOD-ROC-8	18	36
		iMOD-ROC-12	12	24
		iMOD-ROC-24	6	12
		iMOD-ROC-36	4	8
Access			Module insertion / extraction from the front or back	
Cable anchoring			12 locations for BEC anchoring (12 at 135° or 12 in-line) 24 T-cuts (12 at 90° and 12 in-line)	
Dimensions (HxDxW)	overall	mm	44 x 302 x 483	89 x 302 x 483
	with removable compact back tray		44 x 468 x 483	89 x 468 x 483
	with removable back tray		44 x 580 x 483	-
Distance front panel / upright		mm	95 / 215	
Weight ⁽¹⁾		kg	2.9	5.8
Operating temperature		°C	-25 / +70	
Material			Aluminium and polycarbonate	
Colour		RAL	● 9005 (dark black)	
Option			Rear cable anchoring tray until Ø 11 mm (long or short)	

⁽¹⁾ Empty.

RANGE PRODUCTS

REFERENCE	DESIGNATION
IC6044	iROC-4M 1U-12xiMOD-ROC-ER-12 -12 PGT LC MM OM4 FOTAG1 - CABLE ANCHORING
IC6045	iROC-4M 1U-12xiMOD-ROC-ER-12 -12 PGT LCU SM G657A2 FOTAG1 - CABLE ANCHORING
IC6046	iROC-4M 1U-12xiMOD-ROC-ER-12 -12 PGT LCA SM G657A2 FOTAG1 - CABLE ANCHORING



iMOD-ROC

IROC OPTICAL RACK MODULES

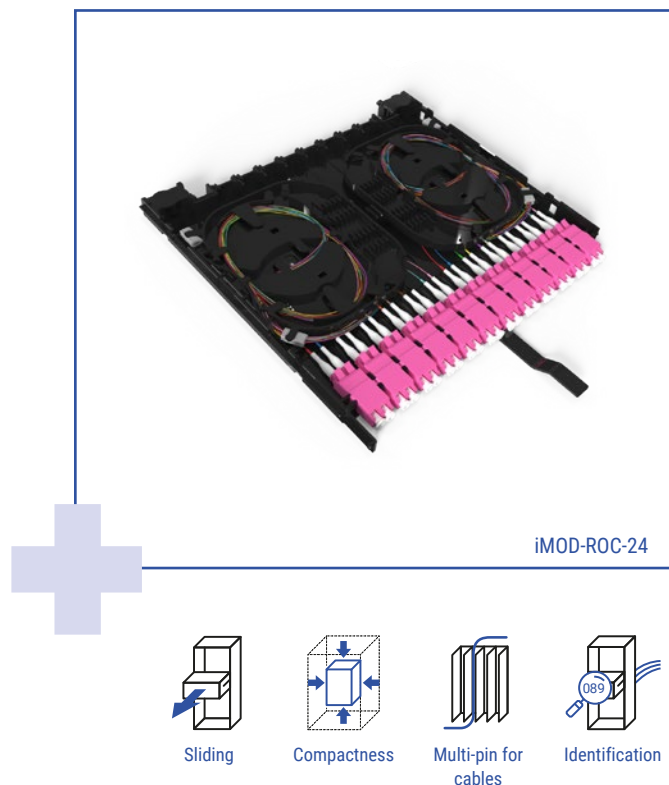
USE

The iMOD-ROC modules make it possible to equip the iROC rack with all the necessary functions for connection, splicing, monitoring, splitting or multiplexing. They can be inserted from the front or the back of the frame, providing comfortable use during installation and maintenance.

DESCRIPTION

- 5 formats available:
 - 8 optical positions on 1/3 of U;
 - 12 optical positions on 1/3 of U;
 - 24 optical positions on 1/3 of U;
 - 36 optical positions on 1U;
 - 6 ethernet positions on 1U;
- Spliced connection, microbreakout cable or MPO/MTP® Base-8, 12 and 24;
- Front panel connection available in LC, SC, MPO/MTP®, SN or MDC;
- TAP monitoring modules.

A shutter panel for each module format is available as an option.



iMOD-ROC-ER

SPLICING AND CONNECTION MODULE

The iMOD-ROC-ER modules are available in 12 and 24 fibres, with one or two 12-fibre single or ribbon trays respectively. The multi-pins at the back of the module allow to fix Ø5 mm tubes or cables from the Idea Optical range.



iMOD-ROC-ER-12



iMOD-ROC-ER-24

iMOD-ROC-R

CONNECTION MODULE FOR PRE-TERMINATED CABLE

The iMOD-ROC-R modules are available with 8, 12 and 24 LC connectors and allow the connection of pre-terminated cables up to 24 OF. The 5 mm multi-pins on the back of the module are suitable for fixing 6, 12 and 24 OF Idea Optical cables.

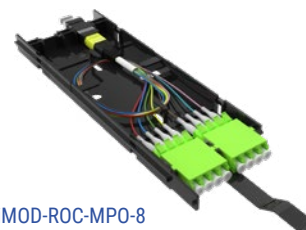


iMOD-ROC-R-24

iMOD-ROC-MPO/MTP®-8/12/24

CONNECTION MODULE FOR MPO/MTP® PRE-TERMINATED CABLE

The iMOD-ROC-MPO/MTP® modules are available with 8, 12 and 24 LC connectors and allow the connection of pre-terminated MPO/MTP® cables. The 24 connector module allows the connection of 1 base-24 cable, 2 base-12 cables or 3 base-8 cables.

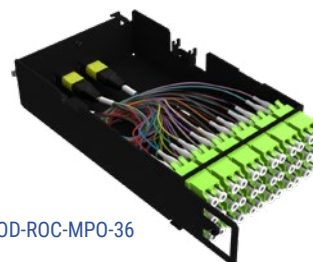


iMOD-ROC-MPO-8

iMOD-ROC-MPO/MTP®-36

CONNECTION MODULE FOR PRE-TERMINATED MPO/ MTP® CABLE

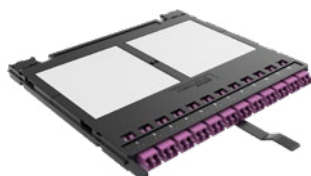
The iMOD-ROC-MPO/MTP®-36 modules are available for 12, 24 or 36 OF and allow all three types of connection: pre-terminated LC cable or MPO/ MTP®.



iMOD-ROC-MPO-36



iMOD-ROC-TAP-12



iMOD-ROC-TAP-24

iMOD-ROC-TAP

MONITORING MODULE

The iMOD-ROC-TAP modules are available for 8, 12 and 24 fibres and allow all configurations for network monitoring. They are supplied with a wiring diagram on the module.

iMOD-ROC-RJ45

CONNECTION MODULE FOR ETHERNET CABLE

The iMOD-ROC-RJ45 modules allow to connect up to 6 Ø5 to 9 mm ethernet cables towards 6 RJ45 shielded keystone jack.



iMOD-ROC-RJ45

DESIGNATION		UNIT	iMOD-ROC-8	iMOD-ROC-12	iMOD-ROC-24	iMOD-ROC-36	iMOD-ROC-RJ45
Front-face capacity	SC	fibre	4 (2 DX)	6 (6 SX)	12 (12 SX)	18 (18 SX)	-
	MPO/MTP®		-	6	12	18	-
	LC		8 (2 QUAD)	12 (6 DX)	24 (12 DX)	36 (18 DX)	-
	RJ45	copper	-	-	-	-	6
MPO/MTP® adapter inputs			2	4	8	3	-
Tray		12 splices	-	1	2	1	-
Cable inputs / protection tube			-	1 (2 x Ø5 mm)	2 (2 x Ø5 mm)	1 (1 x Ø5 mm)	6 (6 x Ø5-9 mm)
TAP module			Yes (contact us)				-
Fibre types			G.652.D, G.657.A2, G.655, OM3, OM4, OM5				-
Max. patch cord diameter		mm	2.0				-
Overall dimensions (HxDxW)		mm	13 x 249 x 69	13 x 249 x 105	13 x 249 x 214	40 x 219 x 103	40 x 174 x 103
Weight ⁽¹⁾		kg	0.1	0.1	0.1	0.6	0.1
Operating temperature		°C	-25 / +70				
Matériau			Polycarbonate			Aluminium	
Colour		RAL	● 9005 (dark black)				

⁽¹⁾ Empty.



COMPACT MODULES

DESCRIPTION

The compact modules fit into the entire range of Idea Optical compact optical frames.

The different configurations offer a wide range of connection possibilities for all types of optical fibre networks.

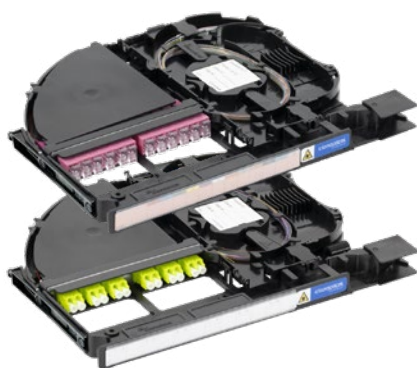
The modules are designed around a pivoting axis, with a quick opening/closure system. They are available in left or right hinged versions.

Easy access to the tray and connectors facilitates installation and maintenance. The fibre protection tubes coming from the breakout boxes are anchored on a multi-pin directly in the splice tray.

iMER-C-12-V2

COMPACT SPLICING AND CONNECTION MODULE

The iMER-C-12-V2 is used to splice 12 optical fibres of a cable on pigtails and to connect them using patch cords.



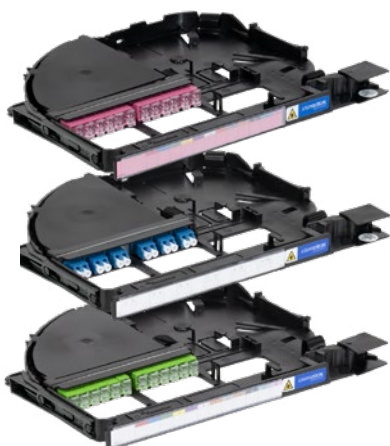
iMER-C-12-V2 SC OM4

iMER-C-12-V2 LC OM5

iMRS-C-12-V2

COMPACT CONNECTION MODULE

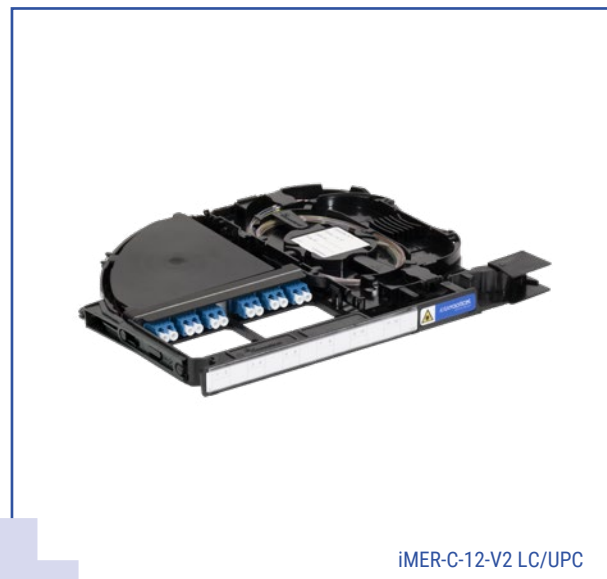
The iMRS-C-12-V2 can be used to connect optical cables. The module's internal wiring uses micro breakout cables or patch cords.



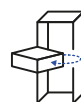
iMRS-C-12-V2 LC OM4

iMRS-C-12-V2 LC/UPC

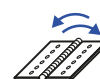
iMRS-C-12-V2 SC/APC



iMER-C-12-V2 LC/UPC



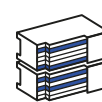
Pivoting



Hinge
right / left



Identification



Rack
stacking

iMES-C-12-V2

COMPACT SPLICING MODULE

The iMES-C-12-V2 is used to splice optical fibres or to connect fibre ends to half-patch cords for cross-connection or connection to active equipment. Each module houses a 12-position tray.



iMES-C-12-V2

COMPACT MODULES



iMRS-12-V2 MTP® version SC/APC



iMRS-24-V2 MTP version LC

iMRS-C V2 MTP®

MULTIFIBRE COMPACT CONNECTION MODULE

The iMRS-C V2 MTP® is equipped with a pre-installed 8, 12 or 24 fibre MTP®-SCor MTP®-LC fan-out. The connection is made directly to the MTP® connector inside the module. This version is particularly suitable for Data centres.



iMRS-C-V2 2 MTP®-8xLC



iMRS-C-V2 MTP®-8xLC

"MTP®" is a registered trademark of US CONEC. The MTP® is a connector of the MPO family as defined in the IEC-61754-7 standard.

DESIGNATION		UNIT	iMER-C	iMRS-C	iMES-C
Capacity	SC-E2000 LC	fibre	12 (12 SX) 12 (12 SX or 6 DX)	12 (12 SX) 24 (24 SX or 12 DX)	- -
	MTP® Fanout		-	1 MTP® Base-8 SC/LC 2 MTP® Base-8 LC 1 MTP® Base-12 SC/LC 1 MTP® Base-24 LC	-
Tray		12 splices ⁽¹⁾	1	-	1
Max. patch cord diameter		mm	2.0		
Overall dimensions (HxDxW)		mm	20 x 205 x 262		
Weight ⁽²⁾		kg	0.4		
Operating temperature		°C	-25 / +70		
Material			Fibre glass reinforced polycarbonate		
Colour		RAL	● 9005 (dark black)		

⁽¹⁾ Ø 2.4 x 40. ⁽²⁾ 0.6 kg 24 LC version.



OPTICAL PATCH CORDS

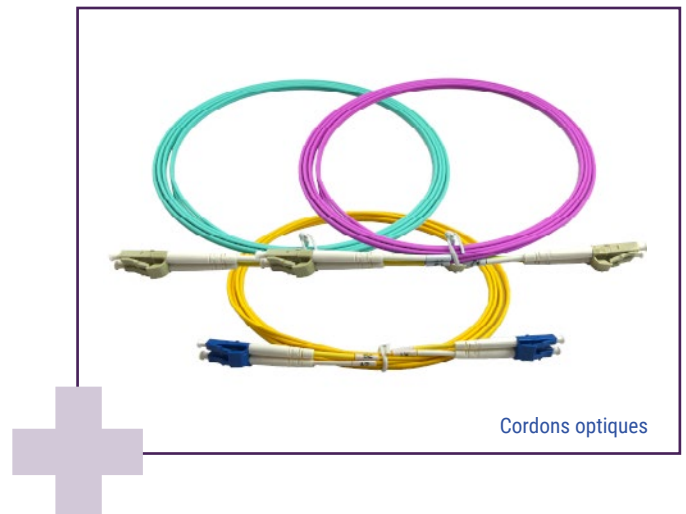
OPTICAL PATCH CORDS

Optical patch cords are an integral part of the connection products. Idea Optical offers all types of patch cords used in fibre optic networks.

CHARACTERISTICS

- Connectors SC, LC, SN, CS...
- PC, UPC and APC polishings;
- G652 or G657 single-mode fibres;
- OM2 to OM5 multimode fibres;
- Simplex, duplex or uniboot cables LSZH;
- RoHS compliant patch cord;
- Length (all possible lengths between 0.5 and 25 m);
- Diameter 1.6 / 2 / 2.8 mm.

The choice the type of connector at each end.



SC CONNECTOR

The SC connector features a bayonet lock that ensures a secure connection.



LC CONNECTOR

The LC connector uses a ratchet locking mechanism that ensures a stable and secure connection.



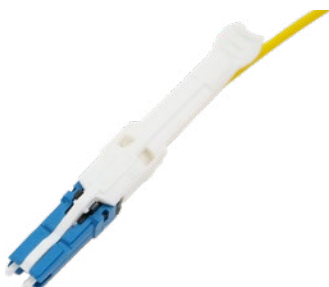
SN CONNECTOR

The SN connector is compact whilst remaining compatible with SC adapters.



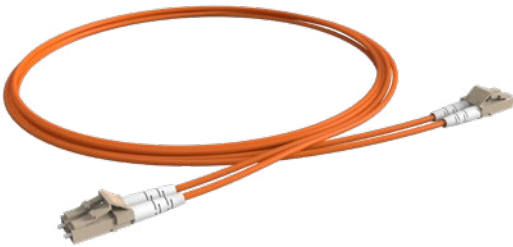
CONNECTEUR CS

The CS connector stands out for its compact size and bayonet locking mechanism, providing a secure connection in confined spaces.



OPTICAL PATCH CORDS

MULTIMODE CONNECTORS



OM1/OM2



OM3



OM4



OM5



OPTICAL PATCH CORD LC/APC UNIBOOT PUSH-PULL

DESIGNATION	UNIT	SINGLE-MODE	MULTIMODE
Insertion loss (IL)	dB	Typ 0.2 max. 0.3	
Return loss (RL)	dB	> 50 (UPC) ou > 60 (APC)	> 30 (PC)
Repeatability (500 cycles)	dB	< 0.2	
Operating temperature	°C	-25 / +70	

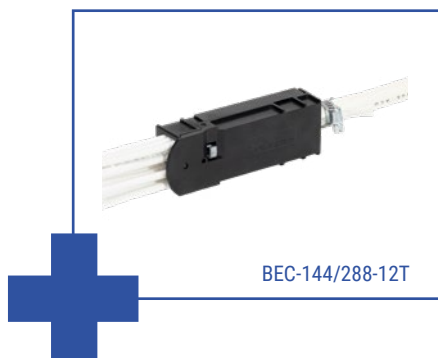


CABLE ANCHORING

FROM 12 TO 1152 OPTICAL FIBRES

BEC-72/144-6T

The BEC-72/144-6T are anchoring and fan-out boxes for optical cables. They are specific to 72 fibre (12 fibres per tube) or 144 fibre (24 fibres per tube) cables. They are mounted directly on Idea Optical products (frames, street cabinets, boxes and racks) or on anchoring plates.

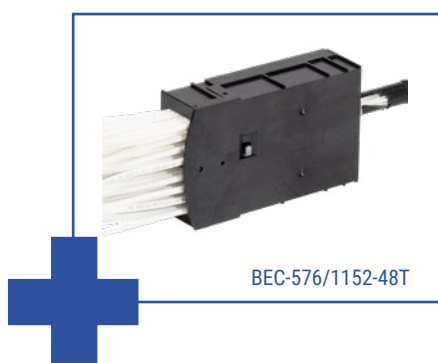


BEC-144/288-12T

The BEC-144/288-12T are anchoring and fan-out boxes for optical cables. They are suitable for 144 fibre (12 fibres per tube) or 288 fibre (24 fibres per tube) cables. They are mounted directly on Idea Optical products (frames, street cabinets, boxes and racks) or on anchoring plates.

BEC-288/576-24T

The BEC-288/576-24T are used to anchor and fan-out high density optical fibre cables. They are suitable for 288 fibre (12 fibres per tube) or 576 fibre (24 fibres per tube) cables. The quick fixing system allows direct fixing to all Idea Optical products (frames, street cabinets, boxes and racks) or to anchoring plates.



BEC-576/1152-48T

The BEC-576/1152-48T are used to anchor and fan-out very high density optical fibre cables. They are suitable for 576 fibre (12 fibres per tube) or 1152 fibre (24 fibres per tube) cables. The quick fixing system allows direct fixing to all Idea Optical products (frames, street cabinets, boxes and racks) or to anchoring plates.

CABLE ANCHORINGS

FROM 12 TO 1152 OPTICAL FIBRES

PROTECTION TUBES

The protection tubes protect the optical fibres after fanning out and allow the connection between the cable fixed on the anchor boxes and the end equipment (frames, modules, racks...).



Protection tubes anchored in a BEC-288/576-24T

PLATINES ET SYSTEMS

- The anchoring plates for frames are fixed to the 19" or ETSI frame uprights. They are used to anchor ACS or BEC type fanning out boxes before distribution to the connection elements. They are available in two versions, allowing for the anchoring of 3 or 7 fanning out boxes.
- The stackable systems for BEC-72/144-6T are fixed to the frame anchoring decks. They are used to anchor extra optical cables later on for increased scalability. Assembled in 3s, the stackable systems can house up to 4 BEC-72/144-6Ts perpendicular to the anchoring deck.
- The FO grouping BEC support plate kit attaches to the plates or uprights of indoor racks. The plate allows for the securing of 2 6T or 12T BECs and has a securing area that can accommodate up to 3 Ø10mm stainless steel tubes.



Frame anchoring plates



FO grouping BEC support plate kit



Stackable systems for BEC-72/144-6T

DESIGNATION			UNIT	BEC-72/144-6T	BEC-144/288-12T	BEC-288/576-24T	BEC-576/1152-48T
Reference number				1311	1312	1313	1317
Capacity	protection tube			6	12	24	48
	anchoring plate	3 pos.		3	2	1	1
		7 pos.		7	4	2	2
Max. cable diameter			mm	15	18	19	30
Overall dimensions (HxDxW)			mm	144 x 27 x 25	145 x 27 x 40	162 x 35 x 78	186 x 45 x 96
Weight ⁽¹⁾			g	68	106	263	432
Operating temperature			°C	-25 / +70			
Material				Fibre glass reinforced polycarbonate			
Colour			RAL	● 9005 (dark black)			

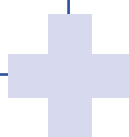
DESIGNATION	UNIT	ANCHOR PLATE 3 POSITIONS ⁽²⁾	ANCHOR PLATE 7 POSITIONS ⁽²⁾	STACKABLE SYSTEMS FOR BEC-72/144-6T	2 BEC SUPPORT PLATE KIT FOR BEC-6T/-12T
Reference number		1314	1315	13300	13203
Overall dimensions (HxDxW)	mm	160 x 25 x 125	160 x 25 x 257	105 x 26 x 38 ⁽³⁾	200 x 35,50 x 140
Weight ⁽¹⁾	g	230	430	99	353
Operating temperature	°C	-25 / +70			
Material		Magnelis® Steel			

⁽¹⁾ Empty, without equipment. ⁽²⁾ The number of positions given is the maximum quantity of BEC-72/144-6T that can be installed.

⁽³⁾ Dimensions of one stackable system.



CONSUMABLES



CORRUGATED PROTECTION TUBE

The corrugated protection tube protects bare fiber or microstructured after fan-out and enables the transition between the cable anchoring on to BEC and the end equipment (racks, modules, trays, etc.).

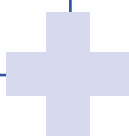
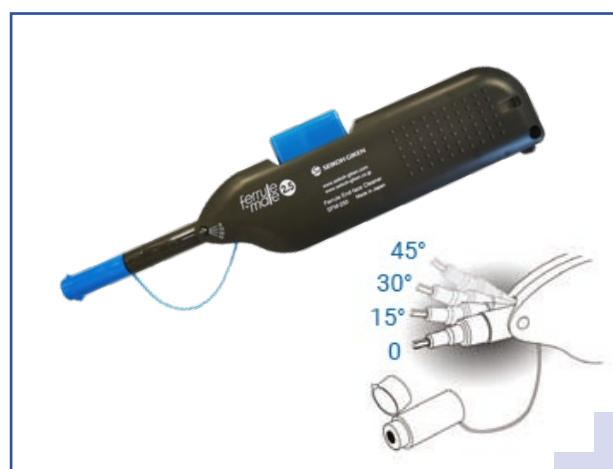
The fiber capacity that can be integrated into the corrugated can reach up to 4 micromodules of 6 optical fibers (depending on how the fibers are assembled within a micromodule).

REFERENCE	DESIGNATION
1401001	White corrugated protection tube - 100 m reel
1401005	White corrugated protection tube - 10 m reel



CLETOP

REFERENCE	DESIGNATION
14059	Cassette de nettoyage CLETOP-S
14061	Recharge pour CLETOP-S



CLEANING PEN

Pens for dry cleaning of optical connector ferrules directly through a connection. They remove dust and other pollutants that impair the performance of optical connections.

Cleaning is by simply pressing on the ferrule, a characteristic click indicates that the operation is complete.

The pens are available in 2 versions, 1.25 and 2.5 mm suitable for all types of connectors (PC or APC) and allow up to 525 cleans each. Directional tip up to 45°.

REFERENCE	DESIGNATION
14275	Cleaning pen NETT SEIKOH for 2.5 mm
14276	Cleaning pen NETT SEIKOH for 1.25 mm

ISOPROPYL ALCOHOL AND DISPENSER BOTTLE

Isopropyl alcohol is used to prepare optical fibres prior to splicing and to clean optical connectors.

1 litre bottle.

The dispenser bottle allows to control the amount of alcohol dispensed. Its bayonet lock prevents leakage during transport. 20 cl bottle up to 45°.

REFERENCE	DESIGNATION
14054	Isopropyl alcohol - 1 l
14053	Dispenser bottle - 20 cl



OPTIC'R DRY AIR DUSTING

99% pure dry gas for dust removal from connectors, connections, optical welders.

400 ml aerosol can - CFC-free.



Non-flammable

REFERENCE	DESIGNATION
14052	Optic'r dry air spray can

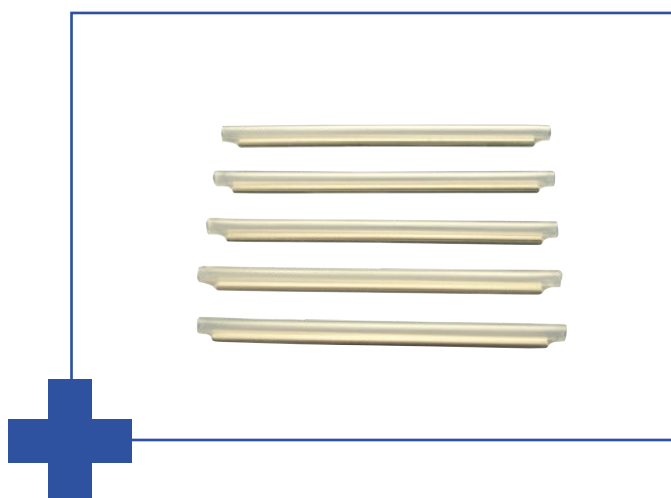


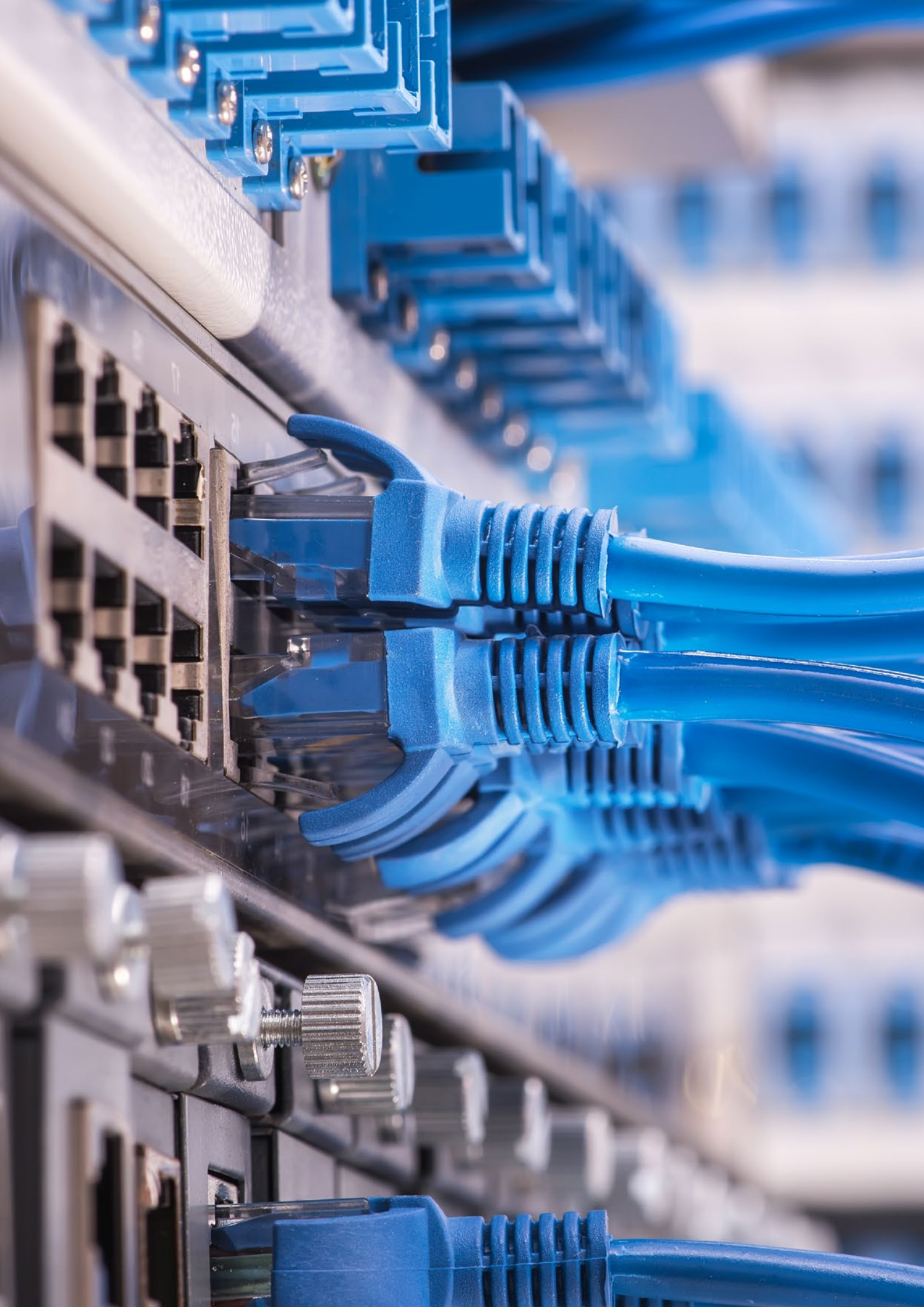
SPLICE PROTECTORS

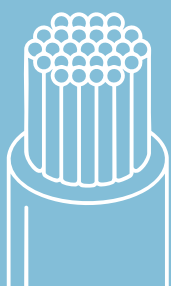
Clear heat-shrinkable splice protectors in lengths of 40, 45 or 60 mm. They accept diameter 250 µm bare fibres or 900 µm jacketed fibres. The final diameter after shrinking is 2.4 mm. Bag of 100 items.

Also available in colour (contact us).

REFERENCE	DESIGNATION
14042	Colourless splice protectors len 40 mm
14040	Colourless splice protectors len 45 mm
14041	Colourless splice protectors len 60 mm





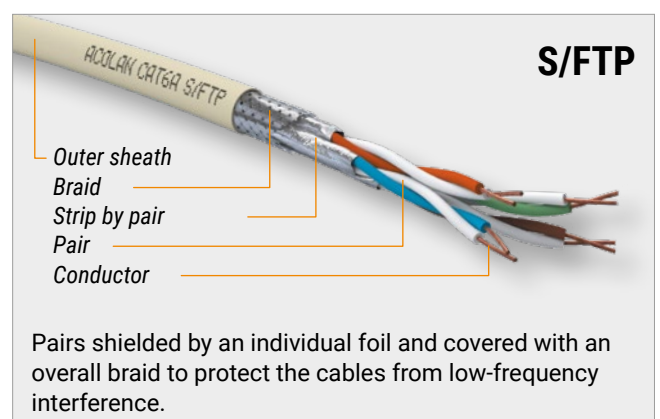
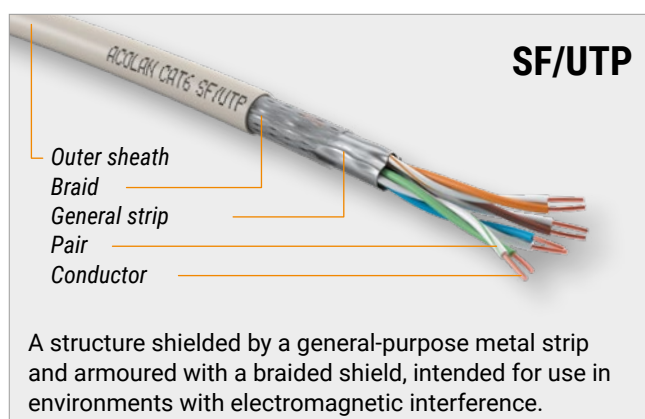
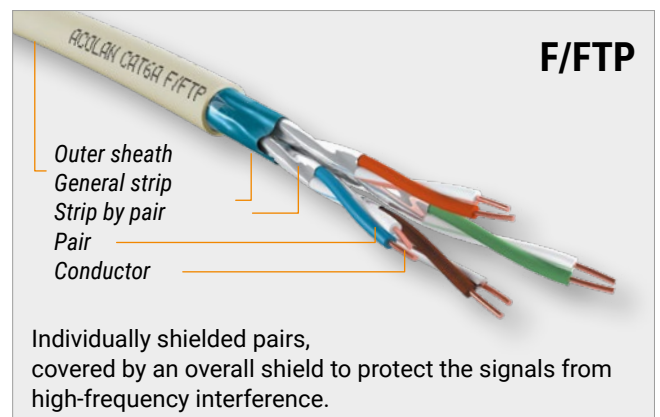
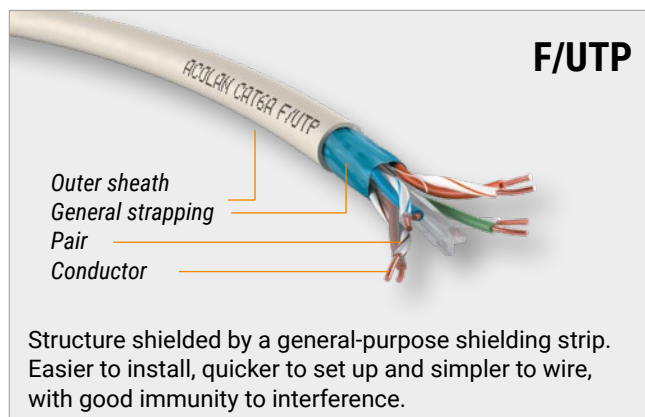
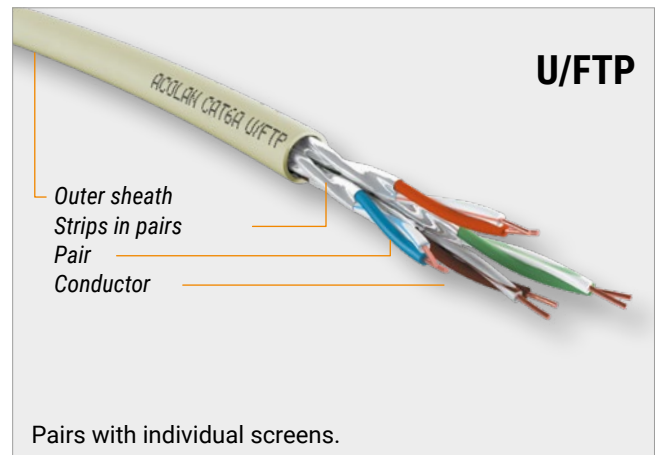
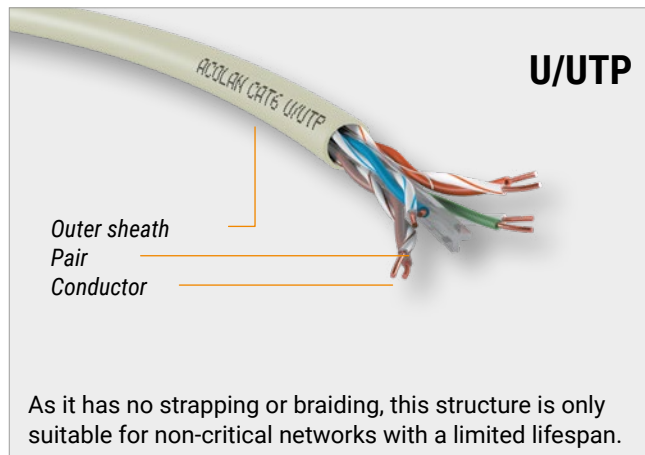


COPPER SOLUTIONS

Technical information	P.76
Cat. 6 F/UTP cable	P.78
Cat. 6A F/UTP cable	P.79
Cat. 6A U/FTP cable	P.80
Cat. 6A F/FTP cable	P.81
Cat. 6A F/FTP steel armored cable.....	P.82
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Cat. 6A S/FTP premium cable.....	P.85
Cat. 7 F/FTP cable	P.86
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Cat. 7 S/FTP premium cable.....	P.88
Cat. 7A S/FTP cable	P.89
Connecteur RJ45 STP	P.90
RJ45 keystone STP connector	P.91
RJ45 patch panels	P.92
Plug	P.93
RJ45 faceplates	P.94
Pre-terminated copper cable.....	P.95

What type of cable is suitable for indoor applications?

ISO 11801-1 specifies the designation of communication cables based on their structure.



OUR CHOICE

The F/UTP 6A: the best technical and economic value, combined with a low carbon footprint!

With a flat profile, it offers performance identical to that of all other cable types, but is easier to install than shielded twisted-pair cables. It supports data rates of 10 Gb/s, is compatible with PoE++, and meets fire safety standards for public buildings and high-rise residential buildings. ACOME Category 6A F/UTP cables are also eco-designed. They have a carbon footprint that is 30% lower than that of a U/FTP cable and 40% lower than that of an F/FTP cable.

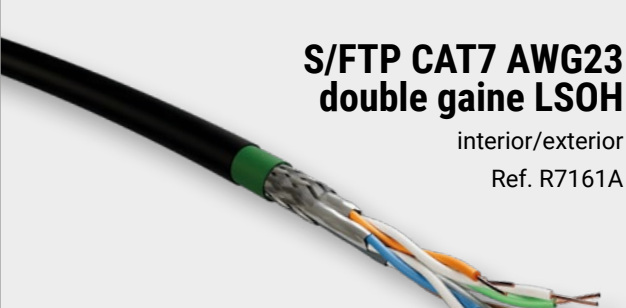
What cable construction is suitable for outdoor and indoor/outdoor applications?

ACOME offers a range of indoor/outdoor cables suitable for a variety of environments: commercial, industrial, etc.



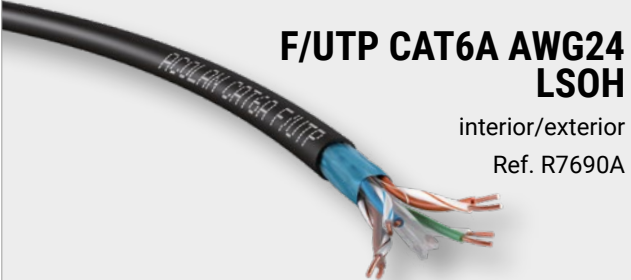
S/FTP CAT7 AWG26 LSOH
interior/exterior
Ref. R8600

- 10 Gb/s on 70 m
- 1 Gb/s on 100m
- PoE ++ compatible
- Flexible cable for easier installation in junction boxes and enclosures
- Reduced diameter to simplify the connection of plugs and connectors
- Enhanced electromagnetic immunity
- Recommended for CCTV systems



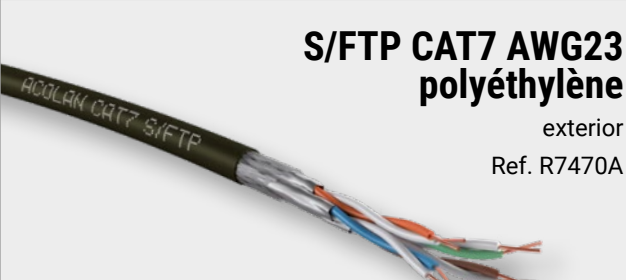
S/FTP CAT7 AWG23 double gaine LSOH
interior/exterior
Ref. R7161A

- 10 Gb/s on 100m
- Compatible PoE++
- Suitable for a wide range of temperatures
- Sturdy thanks to its double sheath



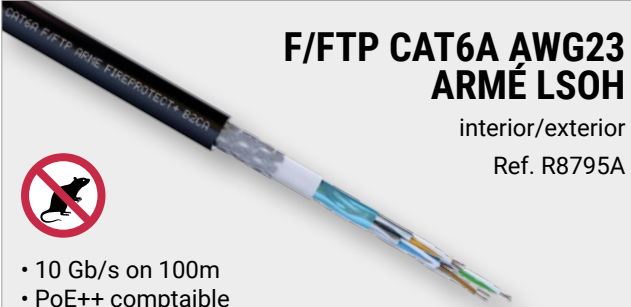
F/UTP CAT6A AWG24 LSOH
interior/exterior
Ref. R7690A

- 10 Gb/s on 100m (canal)
- PoE ++ compatible
- Ideal for connecting devices (cameras, digital signage, etc.) directly to an RJ45 socket



S/FTP CAT7 AWG23 polyéthylène
exterior
Ref. R7470A

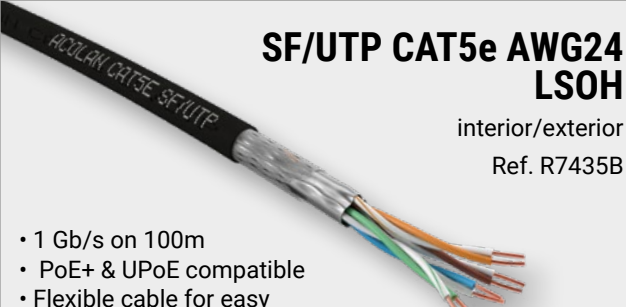
- 10 Gb/s on 100m
- PoE++ compatible
- Excellent UV resistance



F/FTP CAT6A AWG23 ARMÉ LSOH
interior/exterior
Ref. R8795A



- 10 Gb/s on 100m
- PoE++ compatible
- Protection against rodents
- High fire performance (Euroclass B2ca)
- Resistance to oils and acids/alkalis



SF/UTP CAT5e AWG24 LSOH
interior/exterior
Ref. R7435B

- 1 Gb/s on 100m
- PoE+ & UPoE compatible
- Flexible cable for easy installation in junction boxes and enclosures
- Easy to connect as there is no display on each pair

OUR CHOICE

The F/UTP Cat 6A, an excellent UV-resistant LSOH-sheathed cable for indoor and outdoor use.

Its design, featuring four polyethylene-insulated pairs and an overall shield, delivers excellent transmission performance of up to 10 Gb/s whilst remaining compatible with PoE++.

Its structure, which does not include individually shielded pairs, makes it easier to install and connect to RJ45 sockets or plugs. Thanks to its Dca fire rating, it can be deployed in a wide range of applications. This ACOME F/UTP 6a cable is eco-designed, with a reduced carbon footprint compared to standard cables on the market.



CAT. 6 F/UTP CABLE

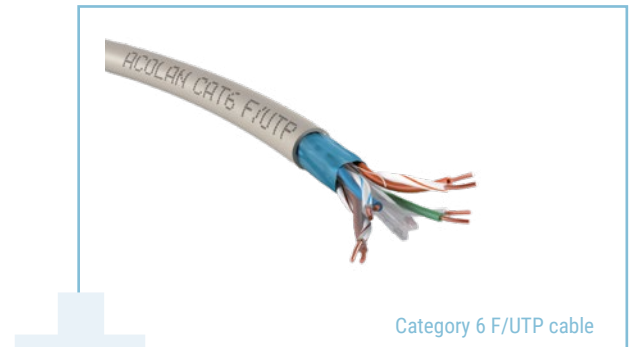
APPLICATION

2.5 Gigabit ultra-high-speed data cables designed for computer local area networks (LANs) for point-to-point connections. They support the protocols compatible with Class E and are rated up to a frequency of 450 MHz.

CHARACTERISTICS

MECHANICAL PROPERTIES		VALUES
Bending radius	Dynamic (upon installation)	≥50 mm
	Static (stationary)	≥25 mm
Temperature range	In service	- 20°C to + 60°C
	Upon installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL PROPERTIES		VALUES
Conductor loop resistance		≤ 190 Ω / km
Resistance imbalance		≤ 2 %
Dielectric strength	Direct current	1 kV for 1 minute = no breakdown
	(500 V)	≥ 5000 MΩ . km
Insulation resistance	Real-Earth	≤ 1600 pF / km
Capacity imbalance	at 100 MHz	100 ± 5 Ω
Characteristic impedance	nominal	78%
Propagation velocity		≥ 55 dB
Coupling attenuation		Type 2
Transfer impedance	at 100 MHz	≤ 200 mΩ / m
Classification according to EN 50174-2		Grade 2
		c



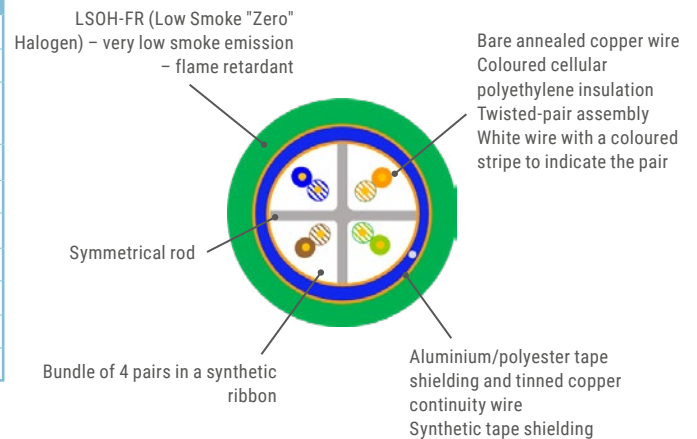
Category 6 F/UTP cable



MADE IN FRANCE



PoE, PoE+ et
UPoE compatible



RANGE PRODUCTS

PAIRS NB	REFERENCE	EUROCLASSE	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	M5007A-C50	Dca	LSOH	●	AWG24	Indoor	Crown 50m
4	M5007A-C100	Dca	LSOH	●	AWG24	Indoor	Crown 100m
4	M5007A-B300	Dca	LSOH	●	AWG24	Indoor	Box 300m
4	M5007A-T500	Dca	LSOH	●	AWG24	Indoor	Reel 500m
4	M5007A-T1000	Dca	LSOH	●	AWG24	Indoor	Reel 1000m
2x4	M5009A-C50	Dca	LSOH	●	AWG24	Indoor	Crown 50m
2x4	M5009A-C100	Dca	LSOH	●	AWG24	Indoor	Crown 100m
2x4	M5009A-T500	Dca	LSOH	●	AWG24	Indoor	Reel 500m
2x4	M5009A-T1000	Dca	LSOH	●	AWG24	Indoor	Reel 1000m
4	R7597A-T500	Cca	LSOH	●	AWG24	Indoor	Reel 500m
4	R7597A-T1000	Cca	LSOH	●	AWG24	Indoor	Reel 1000m
4	R7697A-T500	B2ca	LSOH	●	AWG24	Indoor	Reel 500m
2x4	R7598A-T500	Cca	LSOH	●	AWG24	Indoor	Reel 500m
2x4	R7598A-T1000	Cca	LSOH	●	AWG24	Indoor	Reel 1000m
4	R7597A-C100	Cca	LSOH	●	AWG24	Indoor	Crown 100m
4	R7597A-RB300	Cca	LSOH	●	AWG24	Indoor	Box 300m
2x4	R7698-T500	B2ca	LSOH	●	AWG24	Indoor	Reel 500m

Greyed-out references are held in stock. Other configurations available upon request.

CAT. 6A F/UTP CABLE

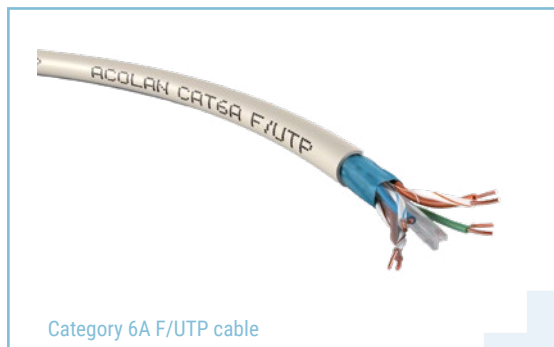
APPLICATION

10 Gigabit ultra-high-speed data cables designed for local area networks (LANs) for point-to-point connections. They support the protocols supported by the EA class for 10 GBASE-T applications. Rated up to a frequency of 550 MHz, these cables are fitted with a UV-resistant LSOH-FR jacket for outdoor use.

CHARACTERISTICS

MECHANICAL PROPERTIES		VALUES
Bending radius	Dynamic (upon installation)	≥65 mm
	Static (stationary)	≥35 mm
Temperature range	In service	- 40°C to + 75°C
	Upon installation	- 20°C to + 60°C
	Transport and storage	- 40°C to + 75°C

ELECTRICAL PROPERTIES		VALUES
Conductor loop resistance		≤ 190 Ω / km
Resistance imbalance		≤ 2 %
Dielectric strength	Direct current	1 kV for 1 minute = no breakdown
	(500 V)	≥ 5000 MΩ . km
Insulation resistance	Real-Earth	≤ 1600 pF / km
Capacity imbalance	at 100 MHz	100 ± 5 Ω
Characteristic impedance	nominal	78%
Propagation velocity		≥ 55 dB
Coupling attenuation		Type 2
Transfer impedance	at 100 MHz	≤ 200 mΩ / m
Classification according to EN 50174-2		Grade 2
		c



Category 6A F/UTP cable

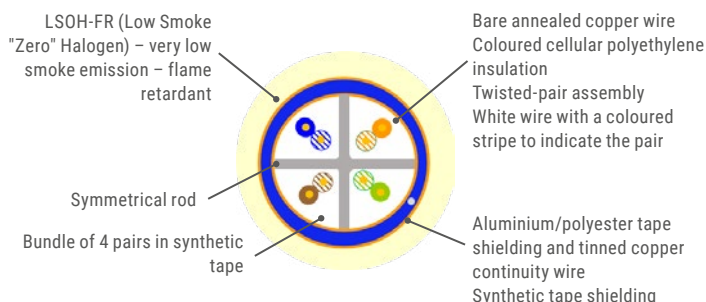


Waterproof
IP 67



MADE IN
FRANCE

Direct connection via an RJ45 plug.
Ideal for connecting devices (cameras, digital signage, etc.).



RANGE PRODUCTS

PAIRS NB	REFERENCE	EUROCLASSE	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R7291A-C50	Dca	LSOH	●	AWG24	Indoor	Crown 50m
4	R7291A-C100	Dca	LSOH	●	AWG24	Indoor	Crown 100m
4	R7291A-B300	Dca	LSOH	●	AWG24	Indoor	Box 300m
4	R7291A-T500	Dca	LSOH	●	AWG24	Indoor	Reel 500m
4	R7291A-T1000	Dca	LSOH	●	AWG24	Indoor	Reel 1000m
2x4	R7292A-C50	Dca	LSOH	●	AWG24	Indoor	Crown 50m
2x4	R7292A-C100	Dca	LSOH	●	AWG24	Indoor	Crown 100m
2x4	R7292A-T500	Dca	LSOH	●	AWG24	Indoor	Reel 500m
2x4	R7292A-T1000	Dca	LSOH	●	AWG24	Indoor	Reel 1000m
4	R7690A-C100	Dca	LSOH	●	AWG24	Indoor/ Outdoor	Crown 100m
4	R7690A-RB200	Dca	LSOH	●	AWG24	Indoor/ Outdoor	Box 200m
4	R7690A-T500	Dca	LSOH	●	AWG24	Indoor/ Outdoor	Reel 500m
4	R7591A-T500	Cca	LSOH	●	AWG24	Indoor	Reel 500m
4	R7591A-C100	Cca	LSOH	●	AWG24	Indoor	Crown 100m
4	R7591A-RB300	Cca	LSOH	●	AWG24	Indoor	Box 300m
4	R7591A-T1000	Cca	LSOH	●	AWG24	Indoor	Reel 1000m
2x4	R7592A-T500	Cca	LSOH	●	AWG24	Indoor	Reel 500m
2x4	R7592A-T1000	Cca	LSOH	●	AWG24	Indoor	Reel 1000m
4	R7691A-T500	B2ca	LSOH	●	AWG24	Indoor	Reel 500m
2x4	R7692A-T500	B2ca	LSOH	●	AWG24	Indoor	Reel 500m

Greyed-out references are held in stock. Other configurations available upon request.



CAT. 6A U/FTP CABLE

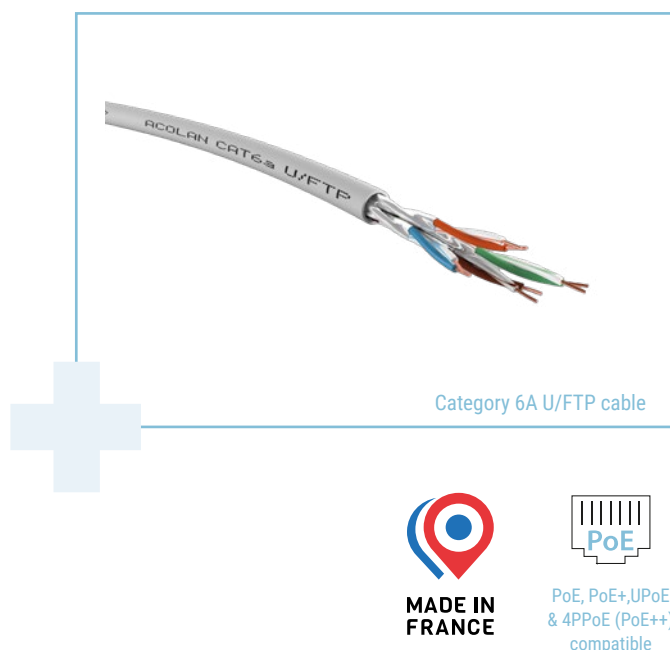
APPLICATION

10 Gigabit ultra-high-speed data cables designed for local area networks (LANs) for backbone connections. They support the protocols compatible with the EA class for 10 GBASE-T applications and are rated up to a frequency of 550 MHz.

CHARACTERISTICS

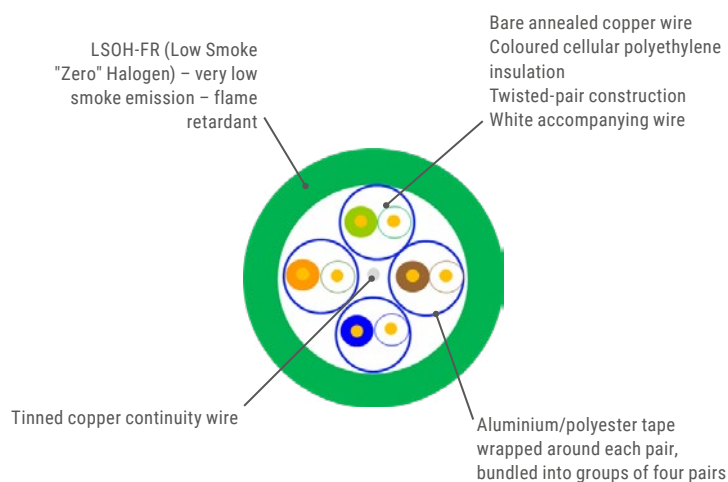
MECHANICAL PROPERTIES		VALUES
Bending radius	Dynamic (installation)	≥60 mm
	Static (stationary)	≥30 mm
Temperature range	In service	- 20°C to + 60°C
	Upon installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL PROPERTIES		VALUES
Conductor loop resistance		≤ 146,4 Ω / km
Resistance unbalance		≤ 2 %
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	≥ 5000 MΩ . km
Capacity imbalance	Real-Earth	≤ 1600 pF / km
Characteristic impedance	at 100 MHz	100 ± 5 Ω
Propagation velocity	nominal	78%
Coupling attenuation		≥ 70 dB
Transfer impedance	at 100 MHz	≤ 100 mΩ / m
Classification according to EN 50174-2		c



Category 6A U/FTP cable

Wide range of packaging options.
Performance guaranteed by a third party (Delta certificates, EC Verified 4P & 2x4P structures).



RANGE PRODUCTS

PAIRS NB	REFERENCE	EUROCLASSE	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R8293A-T500	Dca	LSOH	●	AWG23	Indoor	Reel 500m
4	R8293A-T1000	Dca	LSOH	●	AWG23	Indoor	Reel 1000m
2x4	R8294A-T500	Dca	LSOH	●	AWG23	Indoor	Reel 500m
4	R8593A-T500	Cca	LSOH	●	AWG23	Indoor	Reel 500m
4	R8593A-T1000	Cca	LSOH	●	AWG23	Indoor	Reel 1000m
2x4	R8594A-T500	Cca	LSOH	●	AWG23	Indoor	Reel 500m
2x4	R8594A-T1000	Cca	LSOH	●	AWG23	Indoor	Reel 1000m

Greyed-out references are held in stock. Other configurations available upon request.

CAT. 6A F/FTP CABLE

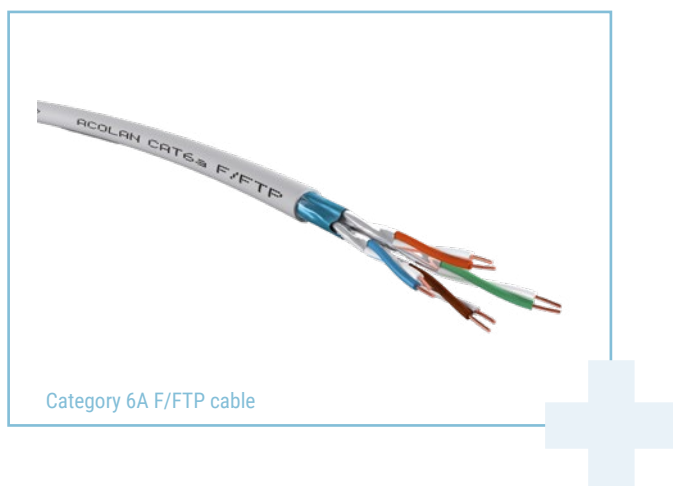
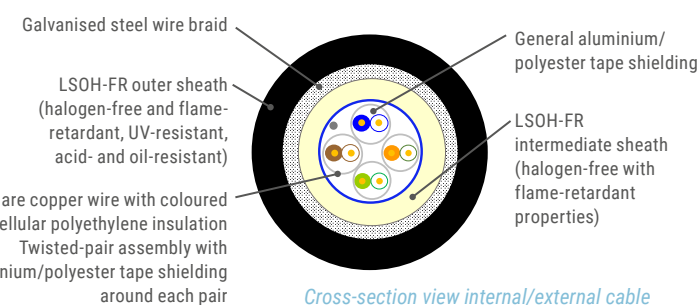
APPLICATION

10 Gigabit ultra-high-speed data cables designed for local area networks (LANs) for backbone connections. They support the protocols compatible with the EA class for 10 GBASE-T applications and are rated up to a frequency of 550 MHz.

CHARACTERISTICS

MECHANICAL PROPERTIES		VALUES	
		INT	INT/EXT
Bending radius	Dynamic (installation)	≥ 60 mm	≥ 270 mm
	Static (stationary)	≥ 30 mm	≥ 138 mm
Temperature range	In service	- 20°C to + 60°C	
	Upon installation	0°C to + 50°C	
	Transport and storage	0°C to + 50°C	
Waterproofing		-	IP 67

ELECTRICAL PROPERTIES		VALUES	
Conductor loop resistance		≤ 146,4 Ω / km	
Resistance unbalance		≤ 2 %	
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown	
Insulation resistance	(500 V)	≥ 5000 MΩ . km	
Capacity imbalance	Real-Earth	≤ 1600 pF / km	
Characteristic impedance	at 100 MHz	100 ± 5 Ω	
Propagation velocity	nominal	78%	
Coupling attenuation		≥ 85 dB	Type 1b
Transfer impedance	at 100 MHz	≤ 100 mΩ / m	Grade 2
Classification according to EN 50174-2		c	



Category 6A F/FTP cable

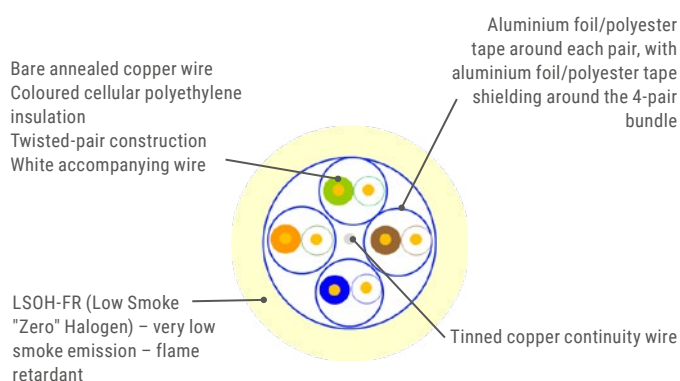


PoE, PoE+, UPoE
& 4PPoE (PoE++)
compatible



MADE IN
FRANCE

Wide range of packaging options.
Performance guaranteed by a third party (Delta and EC
Verified certificates).



Cross-section view
internal cable

RANGE PRODUCTS

PAIRS NB	REFERENCE	EUROCLASSE	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R7295A-T1000	Dca	LSOH	●	AWG23	Indoor	Reel 1000m
4	R7295A-T500	Dca	LSOH	●	AWG23	Indoor	Reel 500m
2x4	R7296A-T500	Dca	LSOH	●	AWG23	Indoor	Reel 500m
2x4	R7296A-T1000	Dca	LSOH	●	AWG23	Indoor	Reel 1000m
4	R8595A-B200	Cca	LSOH	●	AWG23	Indoor	Box 200m
4	R8595A-T500	Cca	LSOH	●	AWG23	Indoor	Reel 500m
4	R8595A-T1000	Cca	LSOH	●	AWG23	Indoor	Reel 1000m
2x4	R8596A-T500	Cca	LSOH	●	AWG23	Indoor	Reel 500m
4	R8795A-T500	B2ca	LSOH	●	AWG23	Indoor/Outdoor Rodent-proof	Reel 500m

Greyed-out references are held in stock. Other configurations available upon request.



CAT. 6A COPPER CABLE (F/FTP, STEEL-ARMORED)

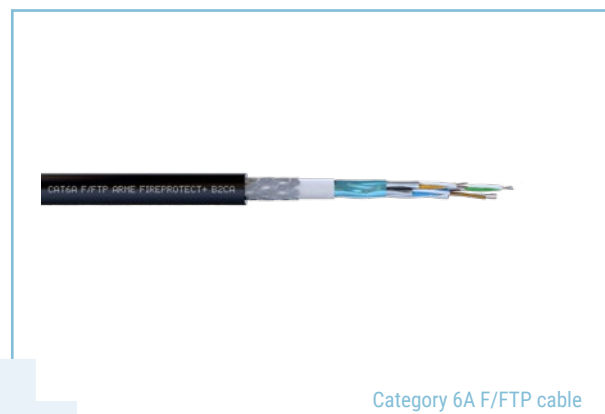
APPLICATION

10 Gigabit high speed data transmission cables are designed for horizontal cable distribution local computer networks. These cables allow the use of the protocol supported by the EA class for the 10 GBASE-T applications. They are characterized of up to 550 MHz.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	≥276 mm
	Static (installed)	≥138 mm
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALUES
Conductor loop resistance		≤ 146,4 Ω / km
Resistance unbalance		≤ 2 %
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	≥ 5000 MΩ . km
Capacitance unbalance	Real-Earth	≤ 1600 pF / km
Characteristic impedance	at 100 MHz	100 ± 5 Ω
Propagation velocity	nominal	78%
Coupling attenuation		≥ 85 dB
Transfer impedance	at 100 MHz	≤ 100 mΩ / m
Classification according to EN 50174-2		c



Category 6A F/FTP cable

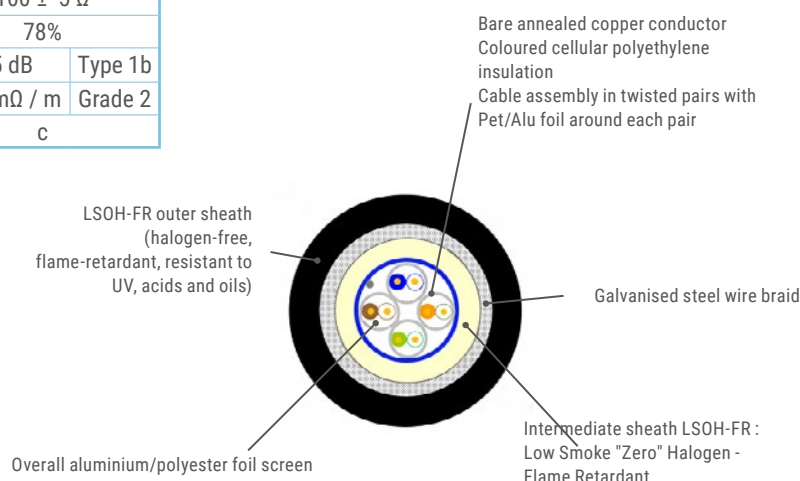


MADE IN FRANCE



Compatible PoE,
PoE+, UPoE &
4PPoE (PoE++)

Improved fire resistance (Euroclass B2ca)
Rodent protection
Compatible with PoE, PoE+, UPoE and 4PPoE (PoE++).



PRODUCTS RANGE

NB OF PAIRS	REFERENCE	EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R8795A-T500	B2ca	LSOH	●	AWG23	Indoor/Outdoor	500 m drum

Greyed-out references are held in stock. Other configurations available upon request.

French industrial excellence, guaranteed for 25 years



ACOME provides long-term support for your connectivity infrastructure.

ACOME is committed to supporting its customers in the long term by offering a 25-year system warranty on its structured copper and fibre optic cabling solutions. This warranty covers all components and connections made using ACOME products, installed in accordance with the ISO/IEC 11801 international standards in force at the time of installation.

It ensures that network performance meets requirements and that networks are capable of supporting current and future applications, thereby ensuring the long-term viability of the infrastructure.

Synonymous with reliability, performance and a long-term investment, ACOME's 25-year system warranty is a testament to the excellence and industrial expertise of this French manufacturer of connectivity solutions.



CAT. 6A S/FTP CABLE

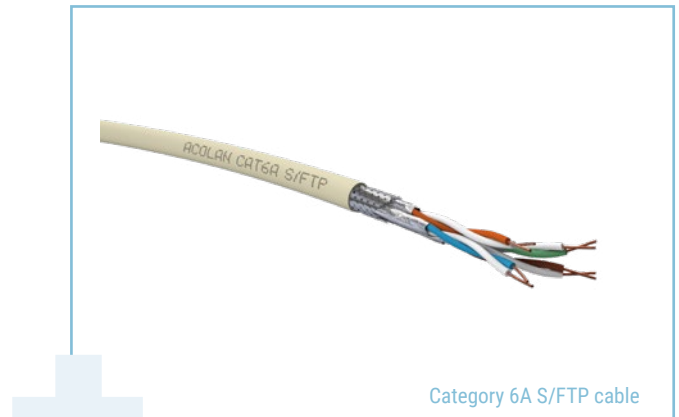
APPLICATION

10 Gigabit ultra-high-speed data cables designed for local area networks (LANs) for backbone connections. They support the protocols compatible with the EA class for 10 GBASE-T applications and are rated up to a frequency of 550 MHz.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	≥ 60 mm
	Static (installed)	≥ 30 mm
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALUES
Conductor loop resistance		≤ 146,4 Ω / km
Resistance unbalance		≤ 2 %
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	≥ 5000 MΩ . km
Capacitance unbalance	Real-Earth	≤ 1600 pF / km
Characteristic impedance	at 100 MHz	100 ± 5 Ω
Propagation velocity	nominal	78%
Coupling attenuation		≥ 70 dB
Transfer impedance	at 100 MHz	≤ 30 mΩ / m
Classification according to EN 50174-2		c

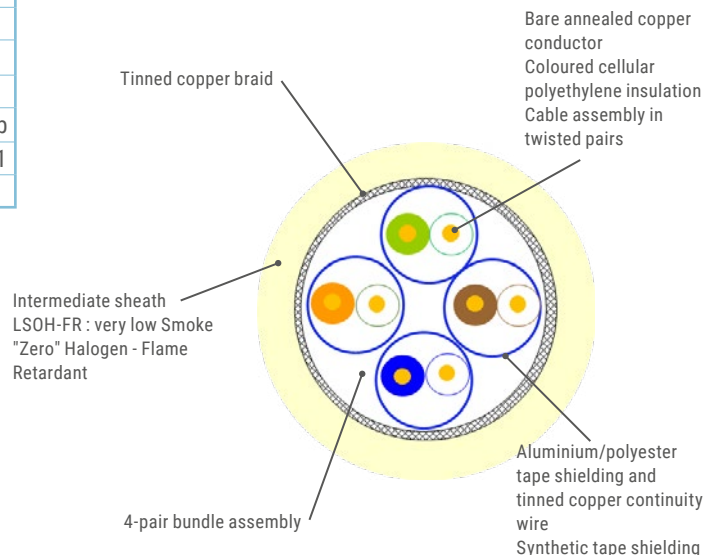


Category 6A S/FTP cable



Compatible PoE,
PoE+, UPoE &
4PPoE (PoE++)

Improved fire resistance

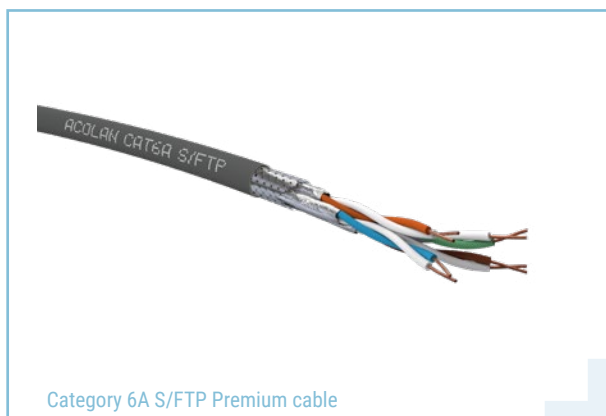


PRODUCTS RANGE

NB OF PAIRS	REFERENCE	EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R7297A-T500	Cca	LSOH	●	AWG23	Indoor	500m drum
4	R7297A-T1000	Cca	LSOH	●	AWG23	Indoor	1000m drum
2x4	R7298A-T500	Cca	LSOH	●	AWG23	Indoor	500m drum
4	R8083A-T500	Cca	LSOH	●	AWG22	Indoor	500m drum
4	R8083A-T1000	Cca	LSOH	●	AWG22	Indoor	1000m drum
2x4	R8084A-T500	Cca	LSOH	●	AWG22	Indoor	500m drum

Greyed-out references are held in stock. Other configurations available upon request.

CAT. 6A S/FTP EMC-REINFORCED CABLE



Category 6A S/FTP Premium cable

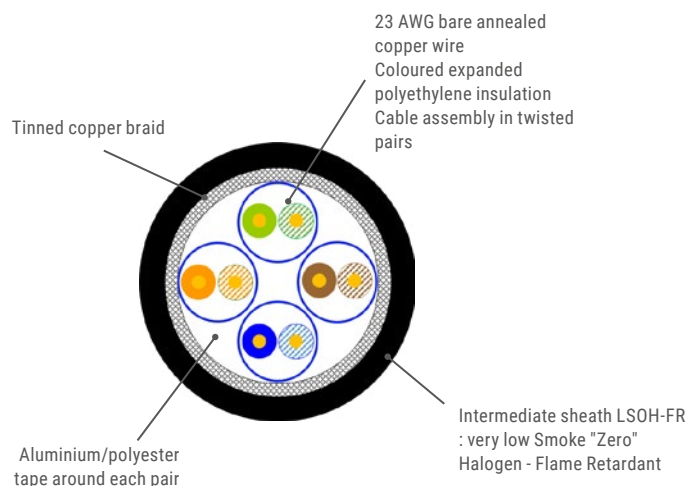


Compatible PoE,
PoE+, UPoE &
4PPoE (PoE++)



**MADE IN
FRANCE**

Improved fire resistance



APPLICATION

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	≥60 mm
	Static (installed)	≥30 mm
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALUES	
Conductor loop resistance		≤ 146,4 Ω / km	
Resistance unbalance		≤ 2 %	
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown	
Insulation resistance	(500 V)	≥ 5000 MΩ . km	
Capacitance unbalance	Real-Earth	≤ 1600 pF / km	
Characteristic impedance	at 100 MHz	100 ± 5 Ω	
Propagation velocity	nominal	78%	
Coupling attenuation		≥ 85 dB/km	Type 1
Transfer impedance	at 1 MHz	≤ 8 mΩ / m	Grade 1
	at 10 MHz	≤ 8 mΩ / m	
	at 30 MHz	≤ 10 mΩ / m	
	at 100 MHz	≤ 20 mΩ / m	
Classification according to EN 50174-2		d	

PRODUCTS RANGE

NB OF PAIRS	REFERENCE	EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R8597E-T500	B2ca	LSOH	●	AWG23	Indoor/Outdoor	500m drum
4	R8597E-T1000	B2ca	LSOH	●	AWG23	Indoor/Outdoor	1000m drum
2x4	R8598E-T500	B2ca	LSOH	●	AWG23	Indoor/Outdoor	500m drum
4	R8597A-T500	B2ca	LSOH	●	AWG23	Indoor	500m drum
2x4	R8598A-T500	B2ca	LSOH	●	AWG23	Indoor	500m drum

Greyed-out references are held in stock. Other configurations available upon request.



CAT. 7 F/FTP CABLE

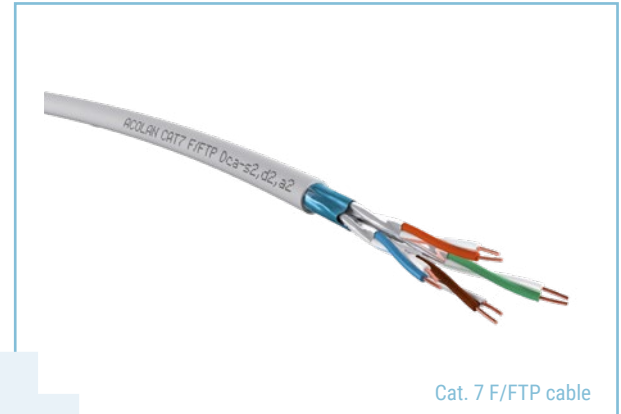
APPLICATION

10 Gigabit ultra-high-speed data cable designed for local area networks (LANs) for backbone connections. These cables allow the use of protocols supported by Class F for 10GBASE-T applications and are characterised up to a frequency of 1000 MHz.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	≥ 60 mm
	Static (installed)	≥ 30 mm
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALUES
Conductor loop resistance		≤ 146,4 Ω / km
Resistance unbalance		≤ 2 %
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	≥ 5000 MΩ . km
Capacitance unbalance	Real-Earth	≤ 1600 pF / km
Characteristic impedance	at 100 MHz	100 ± 5 Ω
Propagation velocity	nominal	78%
Coupling attenuation		≥ 70 dB Type 1b
Transfer impedance	at 100 MHz	≤ 100 mΩ / m Grade 2
Classification according to EN 50174-2		c

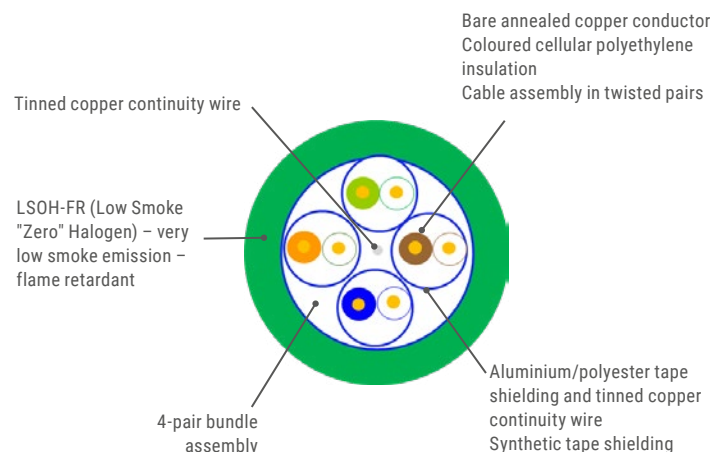


Cat. 7 F/FTP cable



Compatible PoE,
PoE+, UPoE &
4PPoE (PoE++)

Performance guaranteed by an independent third party
(DELTA certificates, EC Verified 4P and 2x4P structure)

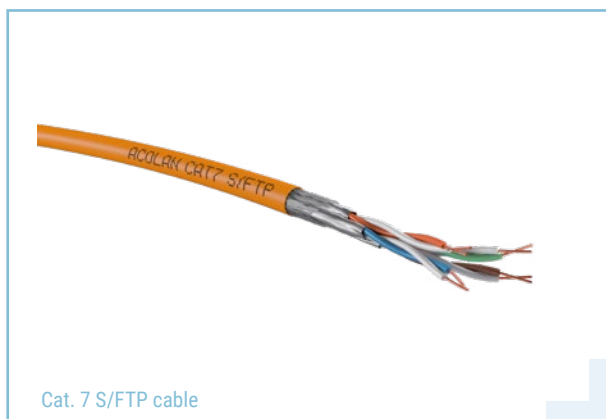


PRODUCTS RANGE

NB OF PAIRS	REFERENCE	EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R7485A-T500	Dca	LSOH	●	AWG23	Indoor	500m drum
4	R7485A-T1000	Dca	LSOH	●	AWG23	Indoor	1000m drum
2x4	R7486A-T500	Dca	LSOH	●	AWG23	Indoor	500m drum

Greyed-out references are held in stock. Other configurations available upon request.

CAT. 7 S/FTP CABLE



Cat. 7 S/FTP cable

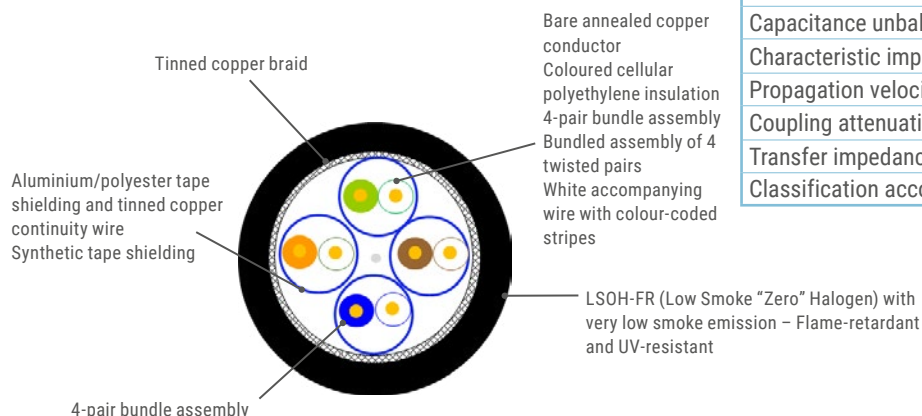


Compatible PoE,
PoE+, UPoE &
4PPoE (PoE++)



MADE IN
FRANCE

Simplified cable installation through the use of multi-pair cables.



APPLICATION

10 Gigabit ultra-high-speed data cable designed for local area networks (LANs) for branch connections.
Maximum operating length: 70 m up to 10 Gbit/s (permanent link) or 90 m up to 1 Gbit/s (channel link).
These cables allow the use of protocols supported by Class F for 10GBASE-T applications.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	8 x outer diameter
	Static (installed)	4 x outer diameter
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALUES
Conductor loop resistance		$\leq 146 \Omega / \text{km}$
Resistance unbalance		$\leq 2 \%$
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	$\geq 5000 \text{ M}\Omega \cdot \text{km}$
Capacitance unbalance	Real-Earth	$\leq 1600 \text{ pF} / \text{km}$
Characteristic impedance	at 100 MHz	$100 \pm 5 \Omega$
Propagation velocity	nominal	78%
Coupling attenuation		$\geq 80 \text{ dB}$ Type 1
Transfer impedance	at 100 MHz	$\leq 30 \text{ m}\Omega / \text{m}$ Grade 1
Classification according to EN 50174-2		d

PRODUCTS RANGE

NB OF PAIRS	REFERENCE	EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R8600A-RB300	Dca	LSOH	●	AWG26	Indoor/Outdoor	300m box
4	R8600A-T500	Dca	LSOH	●	AWG26	Indoor/Outdoor	500m drum
4	R7161A-T1000		LSOH	●	AWG23	Indoor/Outdoor	1000m drum
4	R7470A-T500	Fca	Polyethylene	●	AWG23	Outdoor	500m drum
4	R7470A-T1000	Fca	Polyethylene	●	AWG23	Outdoor	1000m drum
4	R8146F-T500	Cca	LSOH	●	AWG23	Indoor	500m drum
4	R8146F-T1000	Cca	LSOH	●	AWG23	Indoor	1000m drum
2x4	R8205E-T500	Cca	LSOH	●	AWG23	Indoor	500m drum
2x4	R8205E-T1000	Cca	LSOH	●	AWG23	Indoor	1000m drum
4	R8610A-T500	Cca	LSOH	●	AWG23	Indoor/Outdoor	500m drum

Greyed-out references are held in stock. Other configurations available upon request.



CAT. 7 S/FTP CEM REINFORCED CABLE

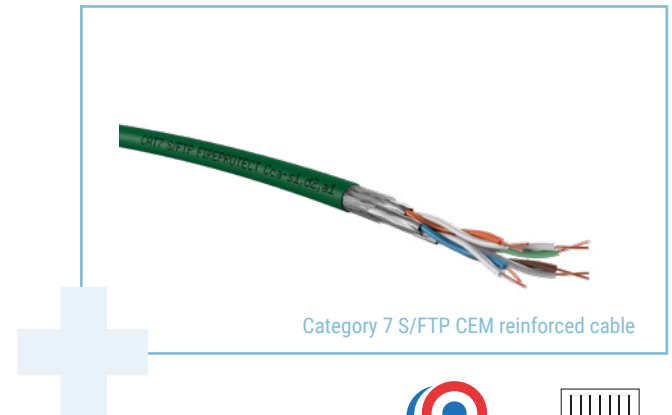
APPLICATION

10 Gigabit ultra-high-speed data cable designed for local area networks (LANs) for backbone connections. These cables support the protocols compatible with Class F for 10G BASE-T applications and are rated up to a frequency of 1000 MHz.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	≥ 60 mm
	Static (installed)	≥ 30 mm
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALEURS
Conductor loop resistance		≤ 146,4 Ω / km
Resistance unbalance		≤ 2 %
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	≥ 5000 MΩ . km
Capacitance unbalance	Real-Earth	≤ 1600 pF / km
Characteristic impedance	at 100 MHz	100 ± 5 Ω
Propagation velocity	nominal	78%
Coupling attenuation		≥ 85 dB
Transfer impedance	at 100 MHz	≤ 20 mΩ / m
Classification according to EN 50174-2		d



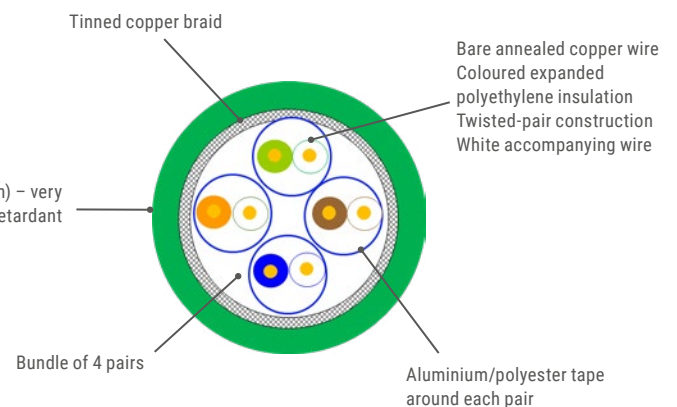
Category 7 S/FTP CEM reinforced cable



PoE, PoE+, UPoE
& 4PPoE (PoE++)
compatible

UV-resistant PE conduit for outdoor use

LSOH-FR (Low Smoke "Zero" Halogen) – very
low smoke emission – flame retardant



PRODUCTS RANGE

NB OF PAIRS	REFERENCE	EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R7478A-T500	Cca	LSOH	●	AWG23	Indoor	500m reel
4	R7478A-T1000	Cca	LSOH	●	AWG23	Indoor	1000m reel
2x4	R7480A-T500	Cca	LSOH	●	AWG23	Indoor	500m reel
4	R8446A-T500	B2ca	LSOH	●	AWG23	Indoor	500m reel

Greyed-out references are held in stock. Other configurations available upon request.

CAT. 7A S/FTP CABLE

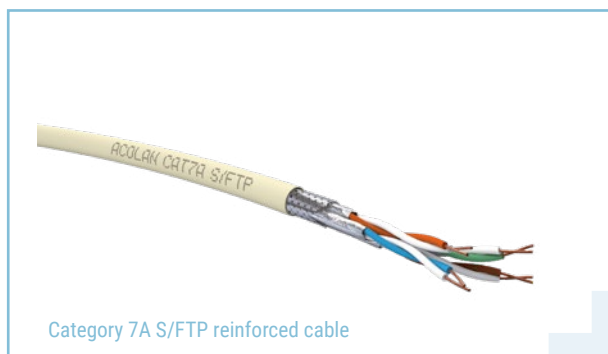
APPLICATION

40 Gigabit ultra-high-speed data cable designed for computer local area networks (LANs) for point-to-point connections. These cables support the protocols compatible with the FA category for 10G BASE-T applications and are rated up to a frequency of 1200 MHz (AWG23) or 1500 MHz (AWG22).

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		VALUES
Bending radius	Dynamic (installation)	AWG22 ≥ 70mm AWG23 ≥ 60 mm
	Static (installed)	AWG22 ≥ 35 mm AWG23 ≥ 30 mm
Temperature range	Operation	- 20°C to + 60°C
	Installation	0°C to + 50°C
	Transport and storage	0°C to + 50°C

ELECTRICAL CHARACTERISTICS		VALUES
Conductor loop resistance		≤ 120 Ω / km (AWG22) ≤ 140 Ω / km (AWG23)
Resistance unbalance		≤ 2 %
Dielectric strength	Continuous current	1 kV for 1 minute = no breakdown
Insulation resistance	(500 V)	≥ 5000 MΩ . km
Capacitance unbalance	Real-Earth	≤ 1200 pF / km (AWG22) ≤ 1600 pF / km (AWG23)
Characteristic impedance	at 100 MHz	100 ± 5 Ω
Propagation velocity	nominal	78%
Coupling attenuation		AWG22 ≥ 85 dB Type 1 AWG23 ≥ 80 dB Type 1b
Transfer impedance	at 100 MHz	≤ 30 mΩ / m Grade 1
Classification according to EN 50174-2		d



Category 7A S/FTP reinforced cable

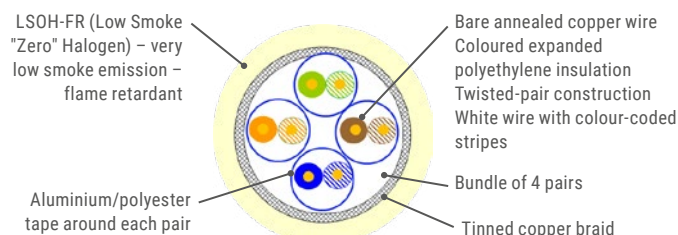


PoE, PoE+, UPoE
& 4PPoE (PoE++)
compatible



MADE IN
FRANCE

Wide range of packaging options
Performance guaranteed by a third party (Delta and EC
Verified certificates)



PRODUCTS RANGE

NB OF PAIRS	REFERENCE		EUROCLASS	SHEATH	COLOUR	GAUGE	APPLICATION	COLISAGE
4	R7481A-T500	S/FTP	Cca	LSOH	●	AWG23	Indoor	500m reel
4	R7481A-T1000	S/FTP	Cca	LSOH	●	AWG23	Indoor	1000m reel
4	R7481B-T500	S/FTP	Cca	LSOH	●	AWG23	Indoor	500m reel
4	R7481B-T1000	S/FTP	Cca	LSOH	●	AWG23	Indoor	1000m reel
2x4	R7482A-T500	S/FTP	Cca	LSOH	●	AWG23	Indoor	500m reel
2x4	R7482A-T1000	S/FTP	Cca	LSOH	●	AWG23	Indoor	1000m reel
4	R7483A-T500	S/FTP	Cca	LSOH	●	AWG23	Indoor	500m reel
4	R7483A-T1000	S/FTP	Cca	LSOH	●	AWG23	Indoor	1000m reel
2x4	R7484A-T500	S/FTP	Cca	LSOH	●	AWG23	Indoor	500m reel
2x4	R7484A-T1000	S/FTP	Cca	LSOH	●	AWG23	Indoor	1000m reel
4	R8481A-RB200	S/FTP renforcé	Dca	LSOH	●	AWG22	Indoor	200m box
4	R8481A-T500	S/FTP renforcé	Dca	LSOH	●	AWG22	Indoor	500m reel
4	R8481A-T1000	S/FTP renforcé	Dca	LSOH	●	AWG22	Indoor	1000m reel
2x4	R8482A-T500	S/FTP renforcé	Dca	LSOH	●	AWG22	Indoor	500m reel
4	R8483A-T500	S/FTP renforcé	Cca	LSOH	●	AWG22	Indoor	500m reel
4	R8483A-T1000	S/FTP renforcé	Cca	LSOH	●	AWG22	Indoor	1000m reel
2x4	R8484A-T500	S/FTP renforcé	Cca	LSOH	●	AWG22	Indoor	500m reel
4	R8485A-T500	S/FTP renforcé	B2ca	LSOH	●	AWG22	Indoor	500m reel
2x4	R8486A-T500	S/FTP renforcé	B2ca	LSOH	●	AWG22	Indoor	500m reel

Greyed-out references are held in stock. Other configurations available upon request.



RJ45 KEYSTONE STP CONNECTOR

CATEGORY 6A 10 GIGABITS

USE

RJ45 Keystone STP jacks are designed for equipping terminal outlets and patch panels in LAN network infrastructures.

ADVANTAGES

- Tool-free installation
- Compatible with Cat6A and Grade 3 TV
- FORCE component certified
- Keystone format
- T568A and T568B wiring
- Visible traceability

APPLICATION

- Patch panel
- Copper distributor
- Terminal outlet



RJ45 Keystone STP jack



RJ45 Keystone STP jack



ISO/IEC 11801 Ed 2.2 / 06-2011
4P POE compliant with: IEC60512-99-002 :2022 Test 99b

CHARACTERISTICS

CHARACTERISTICS	
Insertion force	30 N maximum for 8 contacts
Tensile strength	7.7 kg between housing and plug
Durability	750 mating cycles (jack/plug) Up to 20 termination cycles on IDC contact
Overall dimensions	38 x 16 x 20 mm
Nominal weight	21 g
Packaging	Sachets individuels à ouverture facile, notice de montage imprimée sur le sachet. Un Collier de serrage autobloquant fournit
Conductor compatibility	AWG23 to AWG 26, solid or stranded

RANGE PRODUCTS

REFERENCE	DESIGNATION
IB1688	RJ45 Keystone STP jack – Category 6A, 10 Gigabit

Greyed-out references are held in stock. Other configurations available upon request.

RJ45 PATCH PANELS

24-PORT RJ45 PATCH PANEL



USE

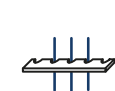
RJ45 patch panels are installed in main distribution frames and local distribution frames. They enable front-panel patching to active equipment.



1U RJ45 patch panel
front view



1U angled RJ45 patch panel
front view



Cable tie points



Front access



Compactness



Light Weight

Automatic grounding.
Keystone sockets.
Easy identification.
Cable guides and tie-down points.

APPLICATION

CHARACTERISTICS

CHARACTERISTICS	PATCH PANEL 1U	ANGLED PATCH PANEL 1U
Overall dimensions	483 x 45 x 125 mm	483 x 45 x 220 mm
Mounting	1U 19-inch cabinets and racks	
Nominal weight	730 g	895 g
Material	Steel	
Number of RJ45 sockets	24 keystone	
Identification	Port number printed and logo holder	
Colour RAL	● 9005 (dark black)	

RANGE PRODUCTS

REFERENCE	DESIGNATION
IB1691	24-port RJ45 STP 1U keystone patch panel straight
IB1699	24-port RJ45 STP 1U keystone patch panel angled

Greyed-out references are held in stock. Other configurations available upon request.



RJ45 FACEPLATES

FACEPLATES FOR RJ45 SOCKETS

USE

Straight or angled RJ45 faceplates can be integrated into 45x45 systems. They offer a simple and attractive solution for your RJ45 sockets.



2-port angled RJ45 faceplates



RJ45 faceplates

APPLICATION

- Terminal socket
- Integration with cable ducts, junction boxes, etc.

Protective flap
Label holder
Keystone footprint
Logo holder

CHARACTERISTICS

CHARACTERISTICS	UNIT	1-PORT FACEPLATE	2-PORTS FACEPLATE
Overall dimensions	mm	45 x 45 x 37	
Mounting		Suitable for any 45x45 modular system	
Nominal weight	g	16	18
Material		ABS	
Shutters		1 with spring	2 with springs
Colour	RAL	9010 Pure white	
Identification		Logo holder	
Packaging		Box of 20	

RANGE PRODUCTS

REFERENCE	DESIGNATION
IB1692	45x45° angled faceplate with 1 RJ45 port and protective cover
IB1693	45x45° angled faceplate with 2 RJ45 ports and protective covers
IB1710	Straight faceplate, 45x45 mm, 1x RJ45 port with protective cover
IB1711	Straight 45x45 faceplate with 2 RJ45 ports and protective covers

Greyed-out references are held in stock. Other configurations available upon request.



USE

These plugs are male STP RJ45 connectors designed for field assembly of connectors onto RJ45 cables.

APPLICATION

- Category 6 connector, Class EA
- Suitable for 10 Gigabit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE+ and UPoE) and HDBaseT
- Connection for AWG 26/7 to 22/7; AWG 26/1 to 22/1 also possible
- Maximum strand diameter: 1.6 mm

Field assembly, to be carried out on site
Extremely simple to assemble
 Locking hook and sheathing from 5.5 to 8.5 mm

CHARACTERISTICS

GENERAL INFORMATION	
Scope of application	Industrial Ethernet
Format	Male connector
Shielding	Armoured
Transmission technology	Copper
Colour	Metallic
Dimensions	51,32 mm x 12,9 mm x 14,7 mm
	2,02 in. x 0,508 in. x 0,579 in.
To be assembled on site	Yes
Labelling options	On a box
Material	Armoured

MATERIALS AND MATERIAL PROPERTIES	
Material – Box	GD-Zn (die-cast zinc), copper-nickel-plated surface (Ni-Cu)
Material – Self-stripping contacts	CuSn (bronze with tin), coated surface Sn (tin)
Material – Contact	CuSn (bronze with tin), coated surface Ni + Au (nickel + gold)
Material – Shielding	Cu-Ni-Zn (Maillechort)
Material – Surface	Ni (nickel)

RANGE PRODUCTS

REFERENCE	DESIGNATION
IC2033	RJ45 Cat 6 PoE/PoE+ male connector

Greyed-out references are held in stock. Other configurations available upon request.



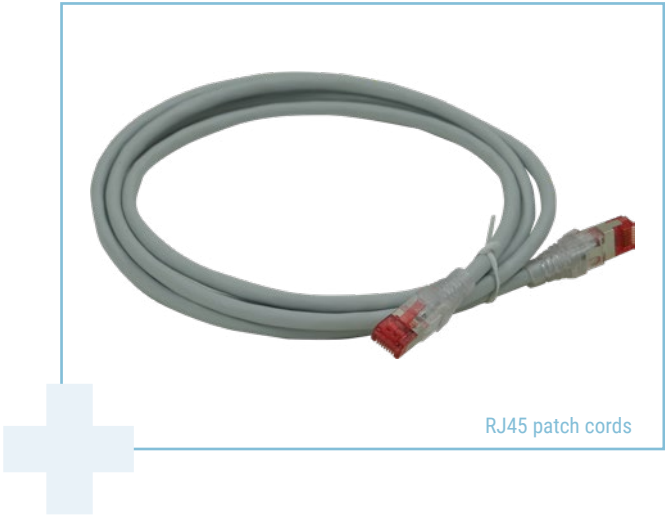
RJ45 PATCH CORDS

USE

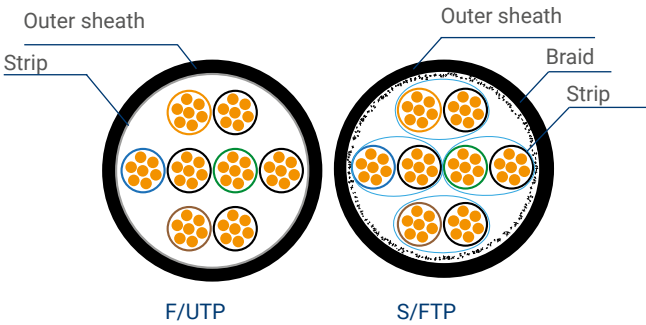
RJ45 patch cords are available in F/UTP and S/FTP versions with crimped RJ45 connectors and guarantee a high level of performance. All our cables undergo strict quality control to ensure their performance

DESCRIPTION

- Cat 6A multi-strand cable (F/UTP or S/FTP);
- 2 overmoulded RJ45 connectors;
- Two types of shielding for twisted-pair cables:
 - basic F/UTP shielding,
 - optimum S/FTP shielding.

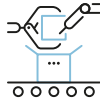


RJ45 patch cords





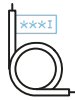
Compliance with standards



Assembly and testing at the factory



A wide range of colours



Traceability

Compatible with PoE, PoE+ and UPoE applications.

DESIGNATION		UNIT	
Connector type			Shielded RJ45 male connector
Rated voltage		V	250
Rated current		A	2
Dielectric breakdown voltage		V	1000V AC RMS 50/60 Hz
Contact resistance		Ω	<20
Lifespan of the socket		Connection cycles	750
Copper gauge		AWG ⁽¹⁾	26
Cable length		m	On request, from 1 m
Material	Interior protection		Aluminium foil, tinned copper braid
	Outer sheath		LSOH
	Socket body		Polycarbonate
	Contact blade		Gold-plated phosphor bronze (50 microns)
	RJ45 socket		PVC + PC
Colour	Outer sheath		● grey, ● green, ● blue, ● yellow, ● red
	Male connector		Transparent

⁽¹⁾ AWG, American Wire Gauge.

PRE-TERMINATED COPPER CABLE



Pre-terminated RJ45 copper cable

USE

Idea Optical's pre-terminated copper cables are custom-made to ensure optimal performance for your data centre connections.

Together with ACOME, we have selected a cable that meets the most stringent requirements for ultra-high-speed data transmission and is manufactured in France.

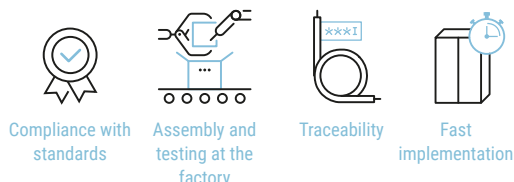


ACOME Cat.7A shielded RJ45 connector mounted on cable

DESCRIPTION

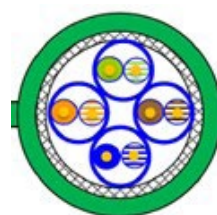
Pre-terminated RJ45 cables consist of:

- 1 ACOME ACOLAN S/FTP Cat.7A 1500 MHz (22 AWG) cable with 2 to 6 x 4 pairs;
- 1 or 2 Cat.6A RJ45 connectors in Keystone format.



Supports all protocols in the EA 1000 MHz class.
Compatible with PoE, PoE+, UPoE and 4PPoE (PoE++) applications. 802.3 af, at and bt standards.

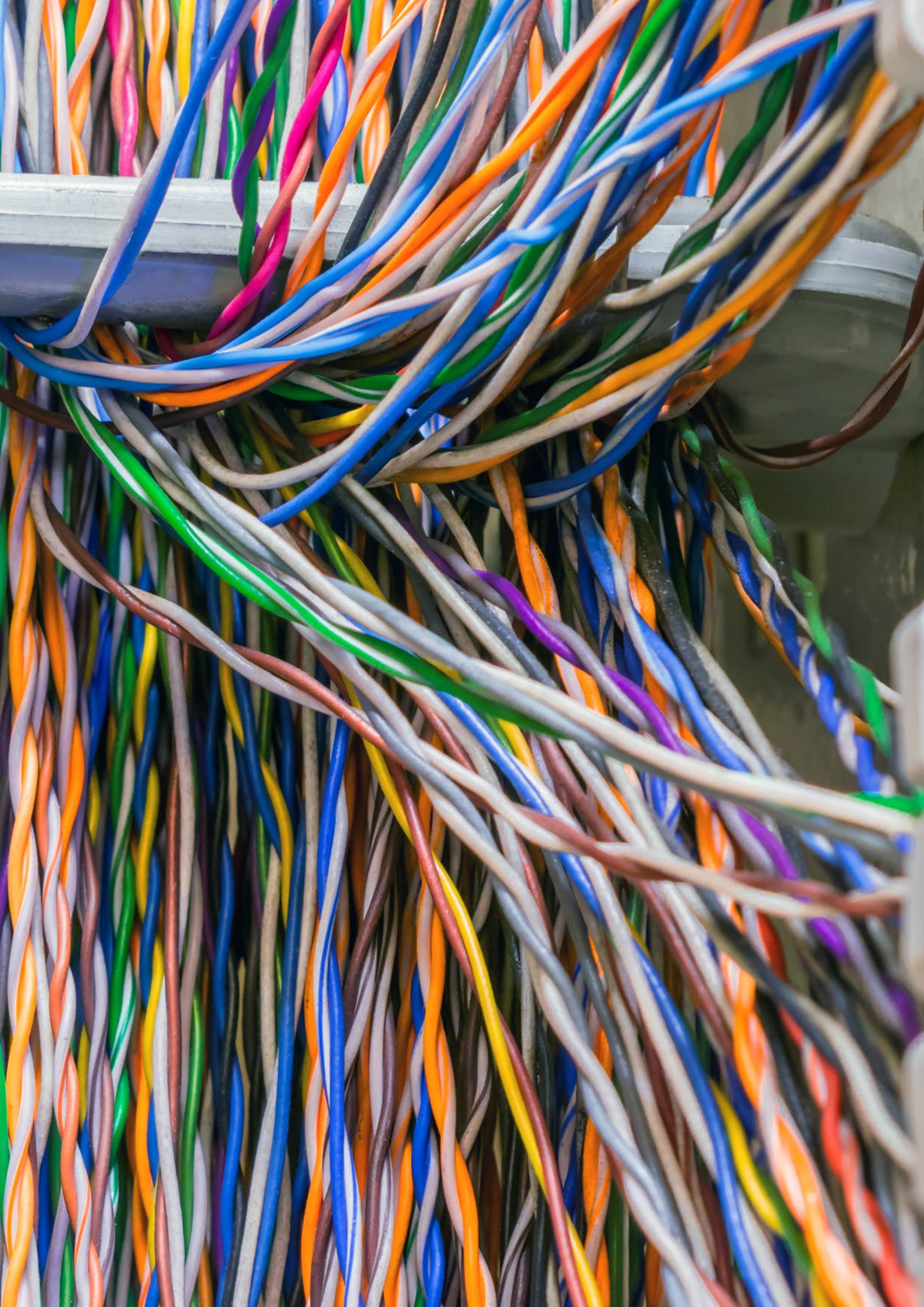
EUROCLASSE FIRE



DESIGNATION		UNIT
Cable core type		Twisted-pair assembly
Type of pairing		Set of 4 pairs (available in packs of 2 and 6 sets of 4 pairs)
Wire diameter		AWG 22
Operating temperature		°C -25 / +70
Material	Conductor	100% copper wire
	Shielding	Tinned copper braid
	Insulation	Coloured cellular polyethylene, $\varnothing \leq 1.52$ mm
	Pairs shielding	Aluminium/polyester tape around each pair
	Sheath	LSFROH
Fire performance		Smoke emission – Flame retardant – No halogenated gases
Colour	Sheath	● Green
Applicable standards		IEEE 802.3 :10Base-T; 100Base-TX;1000Base-T; 2,5GBase-T ; 5GBase-T ; 10GBase-T IEEE 802.3 af (PoE) / 802.3 at (PoE+) / 802.3 bt (4PPoE 90W) IEEE 802.5 / FDDI / ATM / RNIS IEC 61156-5 ed.2 / EN 50288-9-1 ISO/IEC 11801-1 / EN 50173-1 EN 50174 RoHS 2011/65/UE REACH 1907/2006/EC

Greyed-out references are held in stock. Other configurations available upon request.







TELEPHONY SOLUTIONS

SYT1 DIGITAL CABLES	P.98
SYT1 DIGITAL NPI CABLES	P.99
SYT1B CABLES	P.100
SYT1 ALARM CABLES	P.101
SYT2 DIGITAL ARME CABLES	P.102
SYT2 FIREPROTECT ARME CABLES	P.103
SERIES 88 CABLES	P.104
TELEPHONE SWITCHBOARD	P.105

SYT1 DIGITAL CABLES

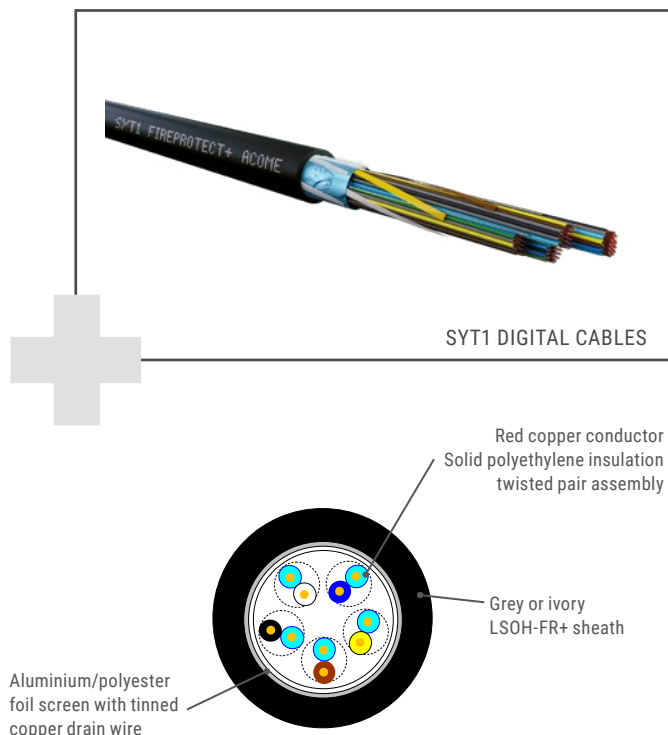
APPLICATION

SYT1 digital cables are specifically designed for the distribution of analogue and digital telephone lines. They support frequencies up to 2 MHz, such as ADSL and ISDN, and are particularly suitable for use inside buildings.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS	VALUES	
	DIGITAL SYT1 5	DIGITAL SYT1 8
Conductor diameter	AWG24	AWG20
Insulated conductor diameter	0.90 mm	1.40 mm

ELECTRICAL CHARACTERISTICS	VALUES	
	DIGITAL SYT1 5	DIGITAL SYT1 8
Linear resistance	< 96 Ω/km	< 37.5 Ω/km
Attenuation at 2 MHz	< 42 dB/km	< 35 dB/km
Characteristic impedance at 1 MHz	100 ± 20 Ω	
Crosstalk attenuation at 2 MHz	> 40 dB	
Insulation resistance	> 1500 MΩ.km	
Capacitance	< 80 nF/km	
Temperature rating	- 25°C to + 75°C	

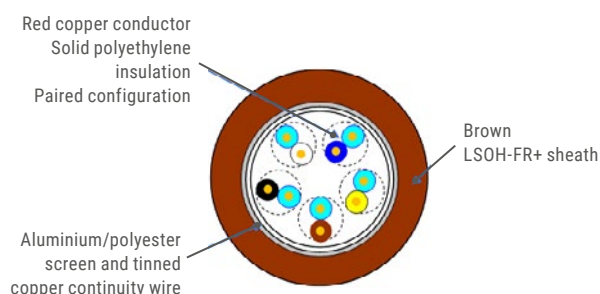
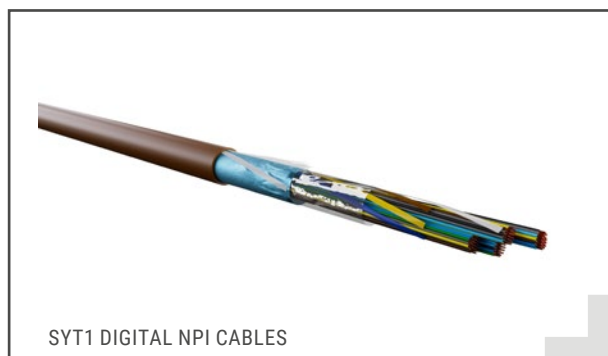


Good **corrosion resistance**.
LSOH sheath (low smoke emission and halogen-free).

RANGE PRODUCTS

EUROCLASS	NUMBER OF PAIRS	COPPER DIAMETER	REFERENCES	SHEATH	COLOUR	INVENTORY MANAGEMENT	MINIMUM SALES
DIGITAL SYT1 5/10							
Dca	2	AWG24	R7303A	LSOH	Gray	yes	100m
Dca	3	AWG24	R7304A	LSOH	Gray	yes	100m
Dca	5	AWG24	R7305A	LSOH	Gray	yes	100m
Dca	10	AWG24	R7306A	LSOH	Gray	yes	100m
Dca	15	AWG24	R7307A	LSOH	Gray	yes	100m
Dca	30	AWG24	R7308A	LSOH	Gray	yes	100m
Dca	56	AWG24	R7301A	LSOH	Gray	yes	100m
Dca	112	AWG24	R7138A	LSOH	Gray	yes	100m
DIGITAL SYT1 8/10							
Dca	2	AWG20	R7233A	LSOH	Gray	yes	100m
Dca	3	AWG20	R7309A	LSOH	Gray	yes	100m
Dca	5	AWG20	R7310A	LSOH	Gray	yes	100m
Dca	10	AWG20	R7311A	LSOH	Gray	yes	100m
Dca	15	AWG20	R7312A	LSOH	Gray	yes	100m
Dca	30	AWG20	R7313A	LSOH	Gray	yes	100m
Dca	56	AWG20	R7314A	LSOH	Gray	yes	100m
Dca	112	AWG20	R7315A	LSOH	Gray	yes	100m

SYT1 DIGITAL NPI CABLES



Good corrosion resistance.
Compliant with RCC-E regulations.

APPLICATION

SYT1-category NPI (non-fire-propagating) digital cables are specifically designed for use in nuclear power stations. They are sheathed in LSOH insulation that meets the fire-retardant requirements of standard NF C 32070-2-2 (C1). They are suitable for digital or analogue data transmission up to 2 MHz.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS	VALUES	
	DIGITAL SYT1 NPI 5	DIGITAL SYT1 NPI 8
Conductor diameter	AWG24	AWG20
Insulated conductor diameter	0.90 mm	1.40 mm
Temperature resistance	- 25°C to + 75°C	

ELECTRICAL CHARACTERISTICS	VALUES	
	DIGITAL SYT1 NPI 5	DIGITAL SYT1 NPI 8
Linear resistance	< 96 Ω/km	< 37.5 Ω/km
Attenuation at 2 MHz	< 42 dB/km	< 35 dB/km
Characteristic impedance at 1 MHz	100 ± 20 Ω	
Crosstalk attenuation at 2 MHz	> 40 dB	
Insulation resistance	> 1500 MΩ.km	
Capacitance	< 80 nF/km	

USAGE CHARACTERISTICS		VALUES
Maximum voltage		300 V AC
Maximum current density		3 A/mm ²
Maximum power density	short-circuit	350 W/mm ²
	In service	100 W/mm ²
Maximum core temperature		70° C

RANGE PRODUCTS

EUROCLASS		NUMBER OF PAIRS	COPPER DIAMETER	REFERENCES	SHEATH	COLOUR	INVENTORY MANAGEMENT	MINIMUM SALES
DIGITAL SYT1 NPI 5								
Requirement: public buildings and high-rise buildings	Cca & C1	5	AWG24	R7463A	LSOH	Brown	yes	100m
	Cca & C1	10	AWG24	R7464A	LSOH	Brown	yes	100m
	Cca & C1	15	AWG24	R7465A	LSOH	Brown	yes	100m
	Cca & C1	30	AWG24	R7468A	LSOH	Brown	no	
	Cca & C1	56	AWG24	R7466A	LSOH	Brown	yes	100m
	Cca & C1	112	AWG24	R7467A	LSOH	Brown	no	
DIGITAL SYT1 NPI 8								
Requirement: public buildings and high-rise buildings	Cca & C1	5	AWG20	R7404A	LSOH	Brown	yes	100m
	Cca & C1	10	AWG20	R7405A	LSOH	Brown	yes	100m
	Cca & C1	15	AWG20	R7406A	LSOH	Brown	yes	100m
	Cca & C1	30	AWG20	R7407A	LSOH	Brown	no	
	Cca & C1	56	AWG20	R7408A	LSOH	Brown	no	
	Cca & C1	112	AWG20	R7409A	LSOH	Brown	ves	100m



SYT1B CABLES

APPLICATION

SYT1B-category cables are specifically designed for the distribution of analogue and digital telephone lines up to 2 MHz, such as ADSL and ISDN, and are characterised by their individually shielded pairs. They are also suitable for applications requiring enhanced protection against electromagnetic interference.

Their LSOH (low smoke and zero halogen) sheath is particularly suitable for use inside buildings.

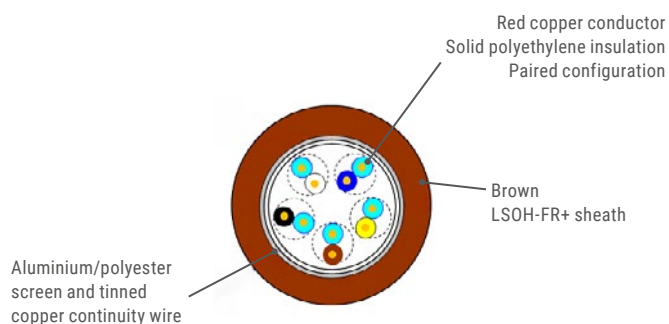


SYT1B CABLES

CHARACTERISTICS

MECHANICAL CHARACTERISTICS	VALUES
	SYT+ DIGITAL 8
Conductor diameter	AWG20
Insulated conductor diameter	1.40 mm

ELECTRICAL CHARACTERISTICS	VALUES
Linear resistance	< 37.5 Ω /km
Attenuation at 2 MHz	< 60 dB/km
Characteristic impedance at 1 MHz	70 $\pm$ 20 Ω
Crosstalk attenuation at 2 MHz	> 50 dB
Insulation resistance	> 1500 M Ω .km
Capacitance	< 100 nF/km



LSOH sheath (low smoke emission and halogen-free).

RANGE PRODUCTS

EUROCLASS	NUMBER OF PAIRS	COPPER DIAMETER	REFERENCES	SHEATH	COLOUR	INVENTORY MANAGEMENT	MINIMUM SALES
Cca	2	AWG20	R7338A	LSOH	Brown	yes	100m
Cca	3	AWG20	R7339A	LSOH	Brown	yes	100m
Cca	5	AWG20	R7340A	LSOH	Brown	yes	100m
Cca	10	AWG20	R7341A	LSOH	Brown	yes	100m
Cca	15	AWG20	R7342A	LSOH	Brown	yes	100m

SYT1 ALARM CABLES

APPLICATION

SYT1 Alarm category cables are designed for fire alarm transmission links.

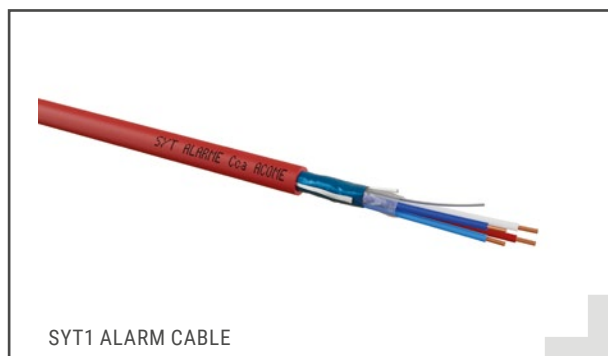
Fitted with a red LSOH outer sheath, these cables comply with the requirements of the standard relating to flame retardancy.

CHARACTERISTICS

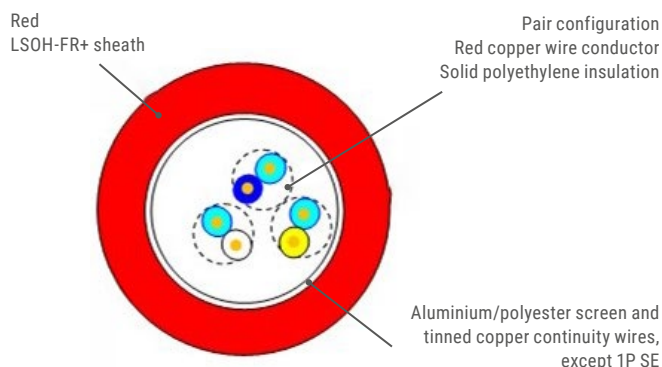
MECHANICAL CHARACTERISTICS	VALUES
Conductor diameter	AWG20
Insulated conductor diameter	1,40 mm

ELECTRICAL CHARACTERISTICS	VALUES
Linear resistance	< 37.5 Ω/km
Attenuation at 2 MHz	< 35 dB/km
Characteristic impedance at 1 MHz	100 ± 20 Ω
Crosstalk attenuation at 2 MHz	> 40 dB
Insulation resistance	> 1500 MΩ.km
Temperature rating	- 25°C à + 75°C
Capacitance	< 80 nF/km

USAGE CHARACTERISTICS	VALUES
Maximum voltage	300 V AC
Maximum current density	3 A/mm ²
Maximum power density	short-circuit 350 W/mm ² In service 100 W/mm ²
Maximum core temperature	70° C
Temperature rating	-25°C à +70°C



SYT1 ALARM CABLE



Cables that comply with the requirements of the standard on flame retardancy.

RANGE PRODUCTS

	EUROCLASS	NUMBER OF PAIRS	COPPER DIAMETER	REFERENCES	SHEATH	COLOUR	INVENTORY MANAGEMENT	MINIMUM SALES
Requirement: public buildings and high-rise buildings	Cca	1 ⁽¹⁾	AWG20	R7422A	LSOH	Red	yes	100m
		1 ⁽²⁾	AWG20	R7421A	LSOH	Red	yes	100m
	Cca	2	AWG20	R7423A	LSOH	Red	yes	100m

⁽¹⁾ Without screen. ⁽²⁾ With screen



SYT2 DIGITAL ARME CABLES

APPLICATION

ARME SYT2 Digital cables are designed for the distribution of analogue and digital telephone lines from the SYT2 Digital range, featuring a metal armour to provide effective protection against rodents and meet stringent mechanical requirements. Designed with intermediate and protective sheaths made from LSOH (Low Smoke Zero Halogen) materials, these cables can be installed indoors or outdoors in conduits or ducts (they must not be submerged under any circumstances, even locally).

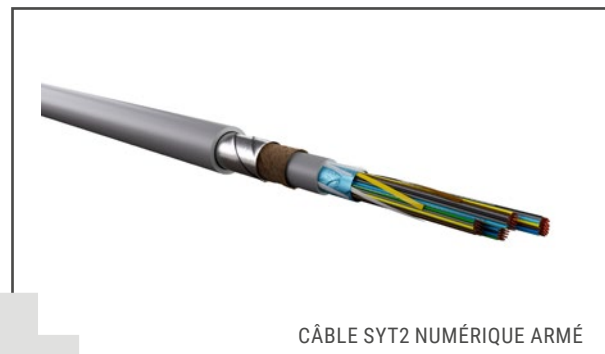
CHARACTERISTICS

MECHANICAL CHARACTERISTICS	VALUES	
	SYT+ DIGITAL 5	SYT+ DIGITAL 8
Conductor diameter	AWG24	AWG20
Diamètre fil isolé	0.90 mm	1.40 mm

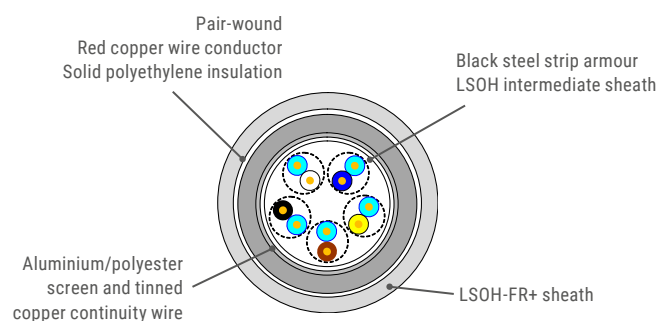
ELECTRICAL CHARACTERISTICS	VALUES	
	SYT+ DIGITAL 5	SYT+ DIGITAL 8
Linear resistance	< 96 Ω/km	< 37.5 Ω/km
Attenuation at 2 MHz	< 42 dB/km	< 35 dB/km
Characteristic impedance at 1 MHz	100 ± 20 Ω	
Crosstalk attenuation at 2 MHz	> 40 dB	
Insulation resistance	> 1500 MΩ.km	
Capacitance	< 80 nF/km	
Temperature rating	- 25°C à + 75°C	

RANGE PRODUCTS

EUROCLASS	NUMBER OF PAIRS	COPPER DIAMETER	REFERENCES	SHEATH	COLOUR	INVENTORY MANAGEMENT	MINIMUM SALES
SYT2 NUMERIQUE ARMÉ 5/10							
Dca	5	AWG24	R7317A	LSOH	Gray	yes	100m
Dca	10	AWG24	R7318A	LSOH	Gray	yes	100m
Dca	15	AWG24	R7319A	LSOH	Gray	yes	100m
Dca	30	AWG24	R7320A	LSOH	Gray	yes	100m
Dca	56	AWG24	R7321A	LSOH	Gray	yes	100m
Dca	112	AWG24	R7322A	LSOH	Gray	yes	100m
SYT2 NUMERIQUE ARMÉ 8/10							
Dca	2	AWG20	R7323A	LSOH	Gray	yes	100m
Dca	3	AWG20	R7324A	LSOH	Gray	yes	100m
Dca	5	AWG20	R7325A	LSOH	Gray	yes	100m
Dca	10	AWG20	R7326A	LSOH	Gray	yes	100m
Dca	15	AWG20	R7327A	LSOH	Gray	yes	100m
Dca	30	AWG20	R7328A	LSOH	Gray	yes	100m
Dca	56	AWG20	R7329A	LSOH	Gray	no	
Dca	112	AWG20	R7330A	LSOH	Gray	no	

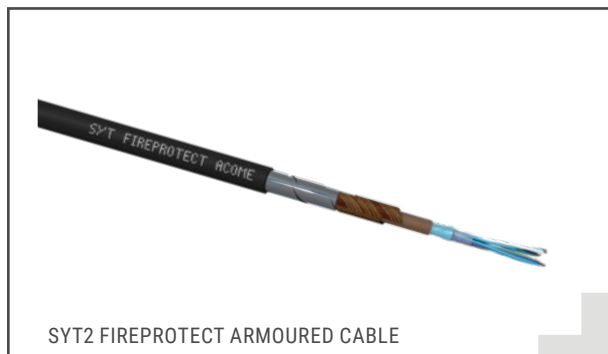


CÂBLE SYT2 NUMÉRIQUE ARMÉ



Good **corrosion resistance**.
Very good **impact resistance**.
Metal reinforcement to provide effective protection **against rodents** and meet high mechanical requirements
Complies with the requirements of the standard on flame retardancy.

SYT2 FIREPROTECT ARME CABLES



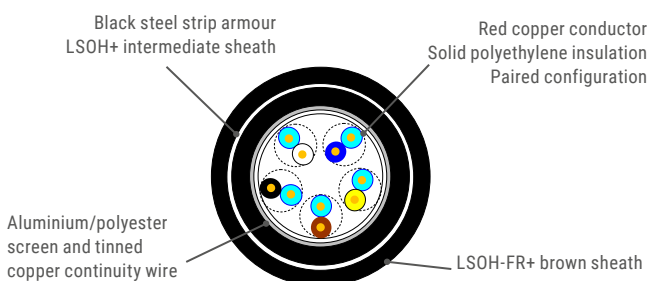
APPLICATION

SYT2 FIREPROTECT ARME cables are designed for use in public access buildings (such as railway stations and hospitals). They are ideal for digital or analogue transmissions up to 2 MHz. These cables may be installed indoors or outdoors in conduits or ducts, but must not under any circumstances be submerged, even temporarily.

CHARACTERISTICS

MECHANICAL CHARACTERISTICS	VALUES	
	SYT2 FIREPROTECT ARME 5	SYT2 FIREPROTECT ARME 8
Conductor diameter	AWG24	AWG20
Insulated conductor diameter	0.90 mm	1.40 mm

ELECTRICAL CHARACTERISTICS	VALUES	
	SYT2 FIREPROTECT ARME 5	SYT2 FIREPROTECT ARME 8
Linear resistance	< 96 Ω/km	< 37.5 Ω/km
Attenuation at 2 MHz	< 42 dB/km	< 35 dB/km
Characteristic impedance at 1 MHz	100 ± 20 Ω	
Crosstalk attenuation at 2 MHz	> 40 dB	
Insulation resistance	> 1500 MΩ.km	
Capacitance	< 80 nF/km	
Temperature rating	- 25°C à + 75°C	



Enhanced fire protection: **Euroclass Cca or B2ca**. **LSOH-FR sheath** with low smoke emission. Reinforced with a **metal armour**.

RANGE PRODUCTS

	EUROCLASS	NUMBER OF PAIRS	COPPER DIAMETER	REFERENCES	SHEATH	COLOUR	INVENTORY MANAGEMENT	MINIMUM SALES
SYT2 FIREPROTECT ARMÉ 5/10								
Requirement: public buildings and high-rise buildings	Cca & C1	5	AWG24	R7531A	LSOH	Brown	yes	100m
	Cca & C1	10	AWG24	R7532A	LSOH	Brown	no	
	Cca & C1	15	AWG24	R7533A	LSOH	Brown	yes	100m
	Cca & C1	30	AWG24	R7534A	LSOH	Brown	no	
	Cca & C1	56	AWG24	R7535A	LSOH	Brown	yes	100m
	Cca	112	AWG24	R7536A	LSOH	Brown	no	
SYT2 FIREPROTECT ARMÉ 8/10								
Requirement: public buildings and high-rise buildings	Cca	2	AWG20	R7557A	LSOH	Brown	no	
	Cca	3	AWG20	R7558A	LSOH	Brown	no	
	Cca & C1	5	AWG20	R7537A	LSOH	Brown	yes	100m
	Cca & C1	10	AWG20	R7538A	LSOH	Brown	no	
	Cca & C1	15	AWG20	R7539A	LSOH	Brown	yes	100m
	Cca & C1	30	AWG20	R7540A	LSOH	Brown	no	
	Cca & C1	56	AWG20	R7541A	LSOH	Brown	no	
	Cca	112	AWG20	R7542A	LSOH	Brown	no	
Exigence gares souterraine	B2ca	2	AWG20	R7576A	LSOH	Black	yes	100m
	B2ca	3	AWG20	R7577A	LSOH	Black	yes	100m
	B2ca	5	AWG20	R7578A	LSOH	Black	yes	100m
	B2ca	10	AWG20	R7579A	LSOH	Black	yes	100m
	B2ca	15	AWG20	R7580A	LSOH	Black	yes	100m



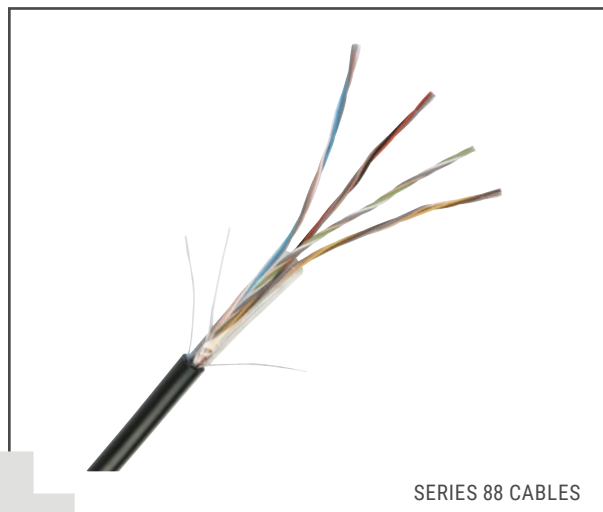
SERIES 88 CABLES

APPLICATION

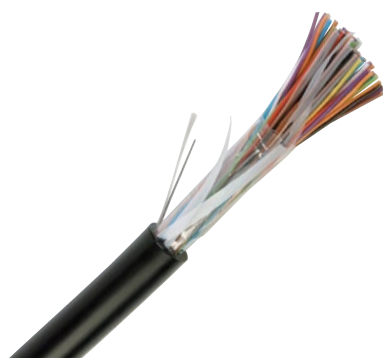
The SERIES 88 network cables have been designed for urban and rural telephone distribution networks, running from the sub-distribution frame to the connection point, right through to the end user.

These 6/10-gauge cables have capacities ranging from 8 to 448 pairs, depending on the cross-section of the copper conductor.

ACOME's 88 Series cables have been in use for several decades, covering tens of millions of pair-kilometres, on fixed telecoms networks in France, Africa and the Middle East. They meet very high-quality transmission requirements. From the outset, these cables have met very high-quality transmission requirements.

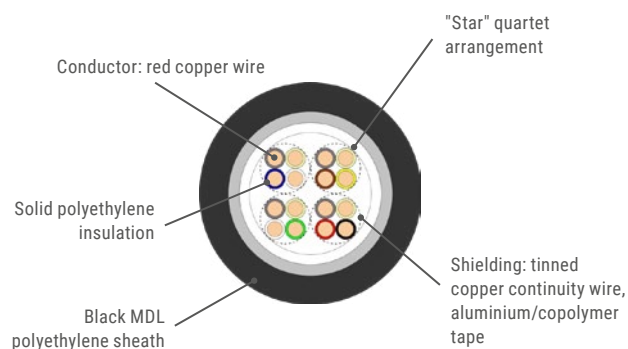


SERIES 88 CABLES



SERIES 88 cables - 28P

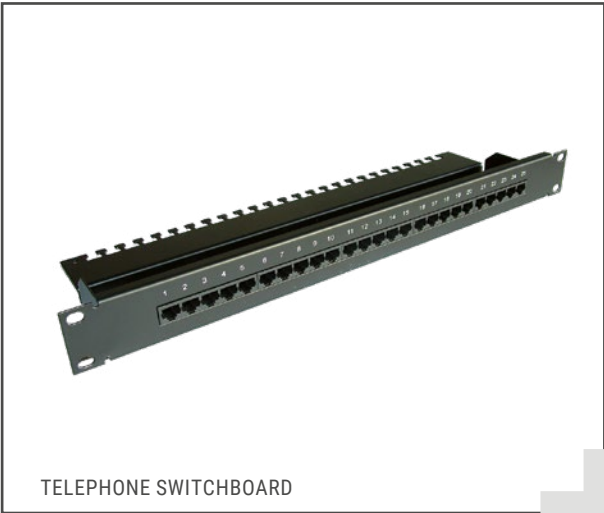
Ideal for **installations not subject to the RCP**.
Excellent UV resistance.
Semi-rigid, **good watertightness**.
Ensures very high-speed data transmission for **ADSL, ADSL2+ and VDSL** protocols used by internet service providers (ISPs).



RANGE PRODUCTS

NUMBER OF PAIRS	DIAMÈTRE DU CONDUCTEUR	REFERENCE	SHEATH	COLOUR	COLISAGE
8P	6/10	L0025E	Polyethylene	●	Cable drum A - 600m
14P	6/10	L0026E	Polyethylene	●	Cable drum A - 600m
28P	6/10	L0027E	Polyethylene	●	Cable drum B - 600m
56P	6/10	L0028E	Polyethylene	●	Cable drum C - 600m
112P	6/10	L0029E	Polyethylene	●	Cable drum F - 1200m
224P	6/10	L0030E	Polyethylene	●	Cable drum G - 1200m
448P	6/10	L0031E	Polyethylene	●	Cable drum F - 300m

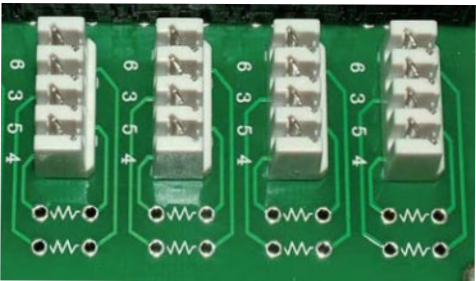
TELEPHONE SWITCHBOARD



APPLICATION

The 19-inch 1U telephone patch panel is designed for business telephone systems. It features 25 RJ45 UTP ports dedicated to telephone applications, offering a reliable and compact solution for interconnection.

Its black metal frame, 1.6 mm thick and 120 mm deep, ensures robustness and durability. The front panel is marked in white for clear and quick identification during cabling and maintenance.



Wiring: two lines per port, pairs 3/6 and 4/5 crossed

Black metal panel, 1.6 mm thick, 120 mm deep.
Front panel marking colour: white.

CHARACTERISTICS

CHARACTERISTICS		VALUE
Accepted conductors		AWG24 and AWG26
Operating voltage		48V DC max.
Connectors		KRONE type on a double-sided FR4 printed circuit board, 1.6 mm thick

RANGE PRODUCTS

REFERENCE	DESIGNATION
IB1697	25-port telephone panel





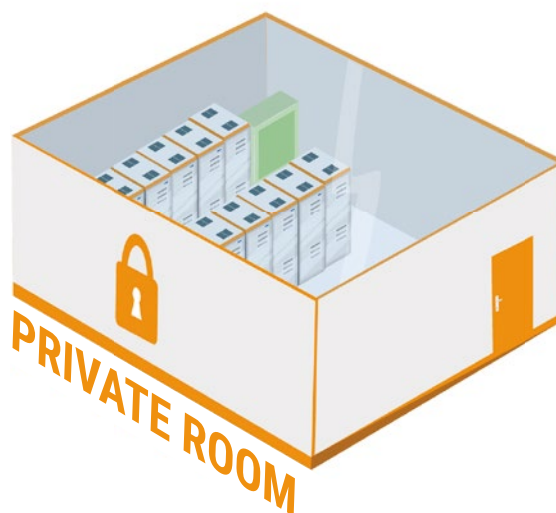


Distribution frames, boxes & accessories

Data Center equipment	P.108
iBER-803-RES-COM	P.110
iBER-803-M-COM	P.112
iBER-C-603-RES	P.114
iBER-C-603-RES-COM	P.115
iSER-C	P.116
iBER-606-608-806-808-810 ECO	P.118
iBER-604.6/604.9/606.6/606.9	P.120
Horizontal management subrack 2U	P.122
Horizontal management subrack 3U.....	P.123
Optic-run solution	P.124
Optic-Run products & accessories	P.126
City & Campus solution	P.128
iCOVE-C	P.130
iCOVE-W2	P.131
BRIO-S	P.132
BRIO-M	P.133
BRIO-S-W	P.134
MBEO	P.135
BRIO-L-W	P.136

SHARED OR PRIVATE ROOMS

SHARED OR DEDICATED PERFORMANCE IN THE DATA CENTER



Shared and private rooms form the core of data centre hosting, offering environments tailored to meet requirements in terms of performance, security and flexibility.

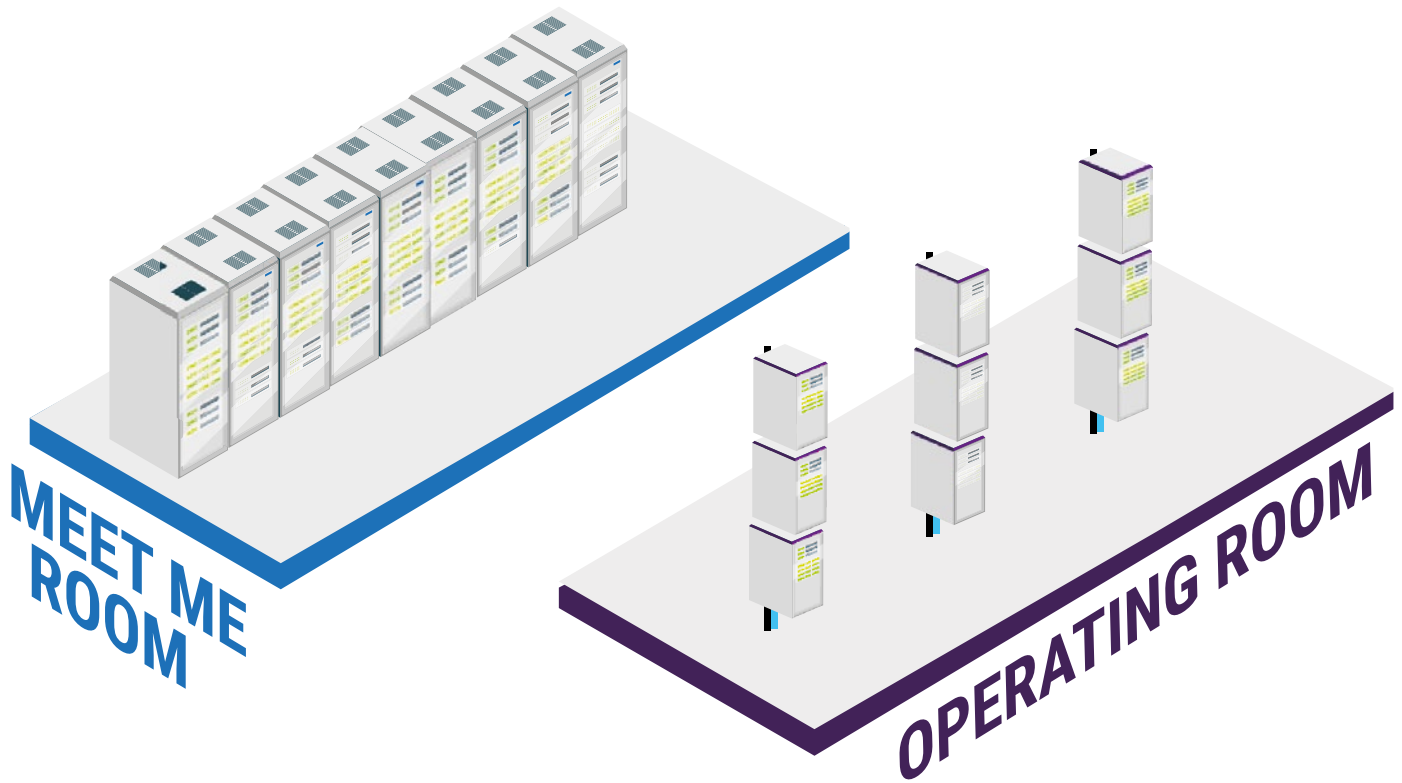
Shared data centres pool infrastructure resources whilst providing a dedicated space for each client, complete with redundant power supplies, high-performance air conditioning and continuous monitoring. This approach optimises costs whilst ensuring resilience and scalability.

Private rooms offer a fully dedicated, secure and customised environment, ideal for specific performance or confidentiality requirements. They provide complete control over the infrastructure and enhanced physical isolation.

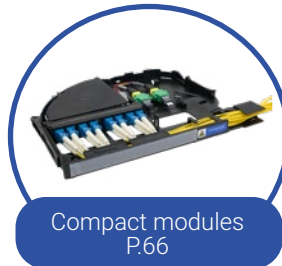
These spaces are designed to optimise cable routing and ensure efficient access to connections, thereby guaranteeing performance and service continuity.

MEET-ME-ROOM (MMR) OPERATING ROOMS

THE INTERCONNECTIONS HEART
IN THE DATACENTER



iBER-C-603-RES-COM
P.115



Compact modules
P.66



iBER-803-RES-COM
P.110

The Meet-Me-Room and operator rooms form the nerve centre of connectivity within the data centre. These strategic spaces bring together the infrastructure of all operators and service providers, enabling customers to benefit from direct, reliable and secure interconnections.

The Meet-Me-Room acts as a convergence hub through which fibre-optic and copper connections pass, facilitating the pooling and management of data flows. The operator rooms, meanwhile, provide a dedicated space for the installation and management of connectivity equipment. Together, they ensure clear organisation, rapid scalability and high service availability.

By optimising the architecture and quality of the cabling, these environments ensure the performance, flexibility and service continuity that are essential for modern data centers.



iTOM-HD
P.58



iTOM-V3
P.54

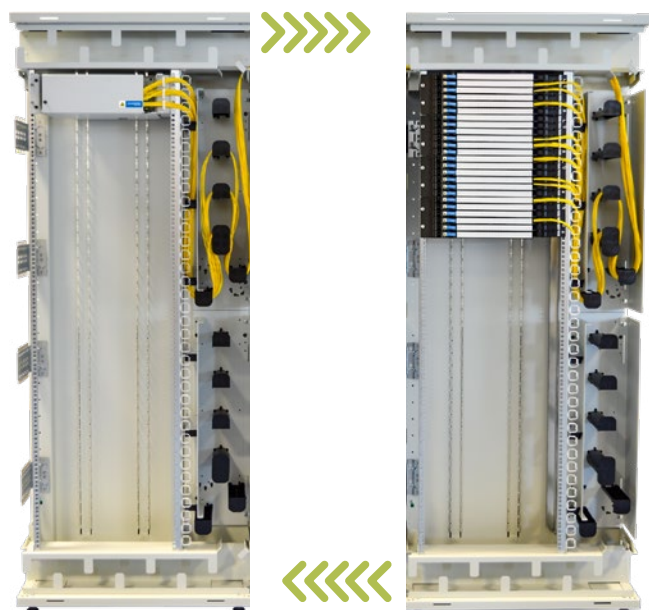


iBER-803-RES-COM

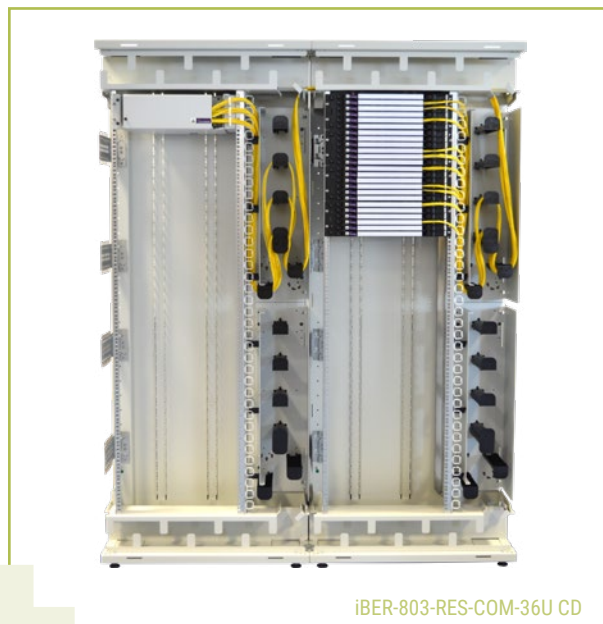
19" COMMUNICATING OPTICAL DISTRIBUTION FRAME

USE

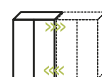
2.0 m or 2.2 m high optical distribution frame that can house all types of 19" format equipment. The frames are juxtaposed to form an indoor optical distribution frame. Compliant with applicable standards and adapted to the management of high densities of optical fibre the iBER-803-RES-COM is thus especially adapted to a modular CO/DP use.



iBER-803-RES-COM-36U CD optical distribution frames



iBER-803-RES-COM-36U CD



Communicating system



Overlength management



Cable input top / bottom



Anchoring

Suitable for Central Office (CO) for the FttH network. Also suitable for Meet Me Rooms (MMR) for Data center.

DESCRIPTION

The iBER-803-RES-COM is equipped with a vertical cylinder overlength area either on the right or on the left, allowing for easy patch cord cross connection inside the frame. It has two cable raceways, at the top and bottom of the frame, which allow horizontal communication between several juxtaposed distribution frames.

It can house all types of 19" rack that pivot to the right or left, in particular iTOM racks, iRCP splitters racks and active equipment return racks. Its structure can house all BEC-type anchoring and fanning out capacity elements.



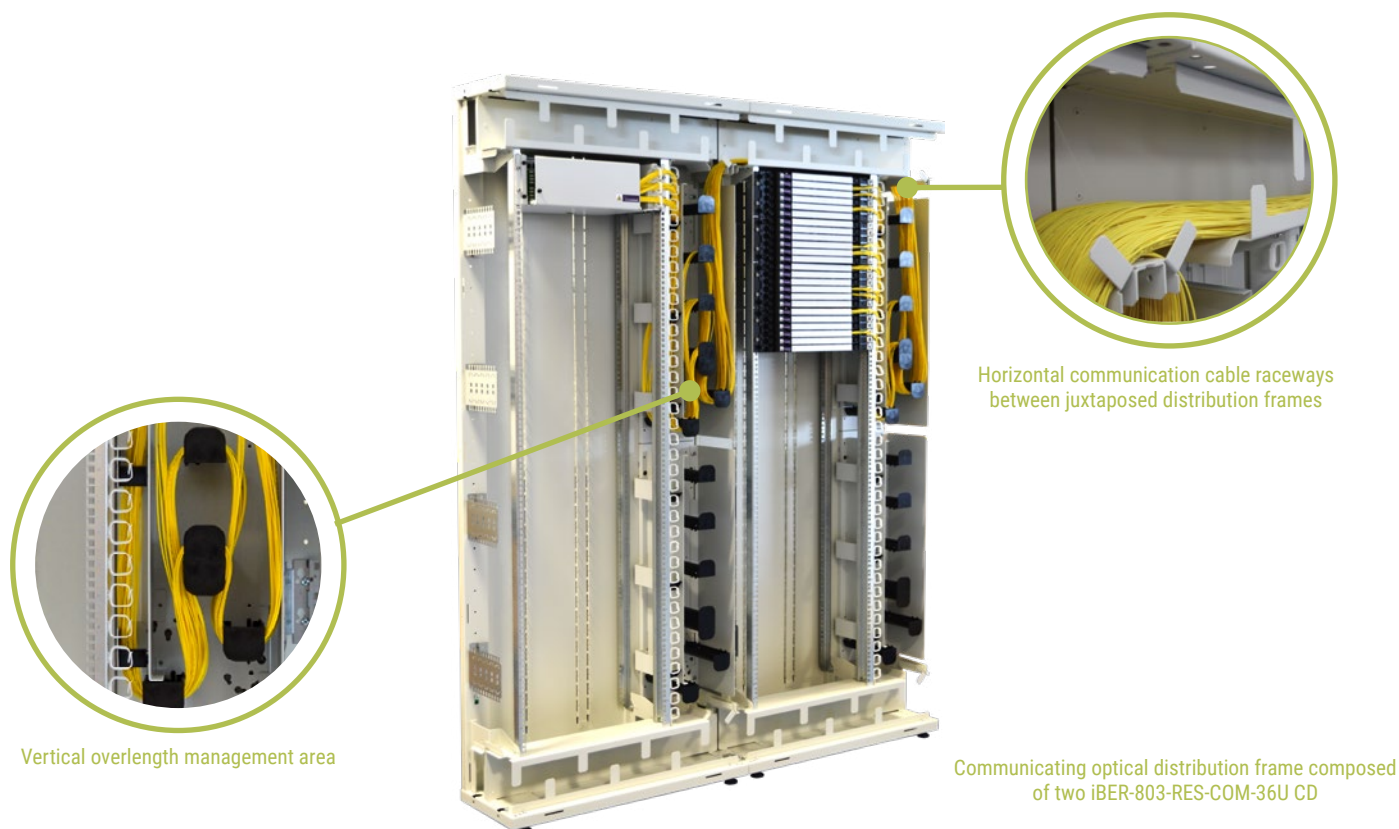
Intra-frame cabling



A distribution frame equipped with a solid door and side panels

iBER-803-RES-COM

19" COMMUNICATING OPTICAL DISTRIBUTION FRAME



DESIGNATION		UNIT	iBER-803-RES-COM-36U	iBER-803-RES-COM-40U
19" operating height		U	36	40
Capacity	fibres		1728	1920
	patch cords		800 for internal cross connection 1600 for communicating cross connection (with Ø 1.6 mm patch cords)	800 for internal cross connection 1600 for communicating cross connection (with Ø 1.6 mm patch cords)
	cable anchoring plate		4 - Repositionable	
Roof / floor			Pre-cut	
Overall Dimensions	H	mm	2000	2200
	DxW	mm	300 x 800	
Weight ⁽¹⁾		kg	80,0	95,0
Operating temperature		°C	-25 / +70	
Material			Steel	
Colour		RAL	● 7035 (light grey)	
Option			Solid door - Side panels - 90° corner return - Back to back	

⁽¹⁾ Empty, without equipment.

PRODUCTS RANGE

REFERENCE	DESIGNATION
12206005	iBER-803-RES-COM-CD-40U distribution frame (without side panels and door)
12206001	iBER-803-RES-COM-CD-36U distribution frame (without side panels and door)

Other configurations available – please contact us.

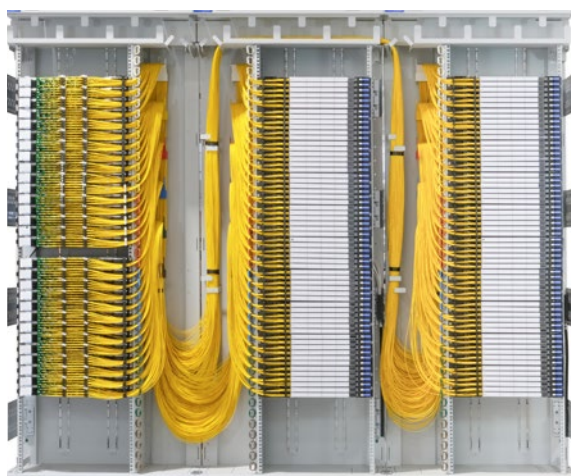


iBER-803-M-COM

19" COMMUNICATING OPTICAL DISTRIBUTION FRAME

USE

The iBER-803-M-COM is an 800 x 300 mm 2.0 or 2.2 m high optical distribution frame designed to house any 19" format equipment. The frames are juxtaposed to form an indoor optical distribution frame. Compliant with applicable regulations and adapted to the management of high densities of optical fibre the iBER-803-M-COM is thus especially adapted to modular OCN/DP use.



Optical distribution frame composed of one iBER-803-M-COM-CD and two iBER-803-M-COM-CG



iBER-803-M-COM-CG



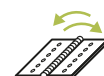
Overlength management



Cable input top / bottom



Anchoring



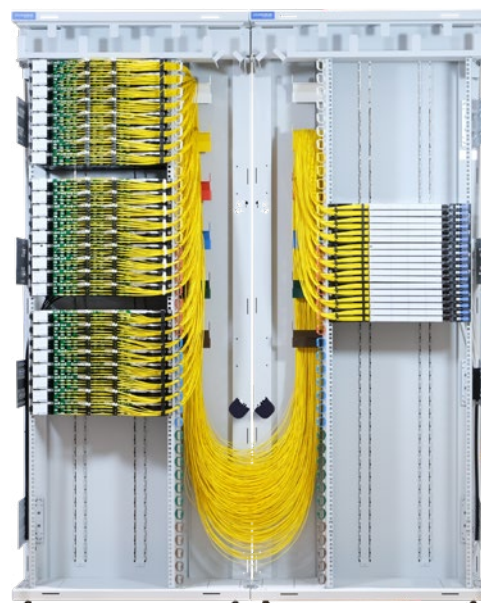
Right / left hinge

DESCRIPTION

The iBER-803-M-COM is fitted with a side patch cord organiser either on the right or on the left, allowing for easy patch cord cross connection inside the frame and allowing patch cord output at the bottom or the top.

It can house any type of 19" optical fibre racks that pivot either to the left or right. A large side area is reserved for the fixing and fanning out of optical cables using the BEC type anchoring elements.

When using iTOM-HD optical fibre racks, an offset kit option is required to install the doors.



Optical distribution frame composed of an iBER-803-M-COM-CD and an iBER-803-M-COM-CG

iBER-803-M-COM

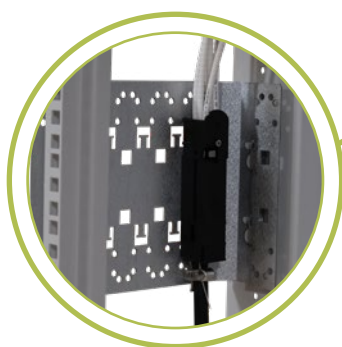
19" COMMUNICATING OPTICAL DISTRIBUTION FRAME



Horizontal communication cable raceways between juxtaposed distribution frames



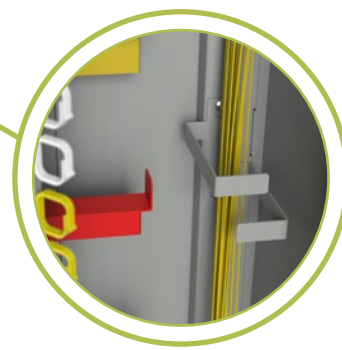
Side patch cord organiser



Cable anchoring



iBER-803-M-COM-CD



Optional cable flow passage supports

DESIGNATION		UNIT	
19" zone working height		U	40
			44
Capacity	fibres		1920
	patch cords		800 for internal cross connecting 1600 for communicating cross connecting (with Ø 1.6 mm cords)
	cable anchoring plate		880 for internal cross connecting 1760 for communicating cross connecting (with Ø 1.6 mm cords)
			4 - Repositionable
Roof / floor			Pre-cut
Side panels			Removable
Overall dimensions	H	mm	2000
	DxW	mm	330 x 800
Weight ⁽¹⁾		kg	95,0
			105
Operating temperature		°C	-25 / +70
Material			Steel
Colour		RAL	● 7035 (light grey)
Option			Solid door - Roof and floor brushes - Cable flow passage supports - Offset doors

⁽¹⁾ Including doors and side panels.

RANGE PRODUCTS

REFERENCE	DESIGNATION
12219001	iBER-803-M-COM-CD-40U distribution frame (without side panels and door)
12219004	iBER-803-M-COM-CD-44U distribution frame (without side panels and door)

Other configurations are available please contact us.



iBER-C-603-RES

OPTICAL DISTRIBUTION FRAME FOR MODULES



Discover compact modules P66-67.

USE

The iBER-C-603-RES is a 600 x 300 mm, 1.0 m, 2.0 m or 2.2 m high optical distribution frame specially designed to handle high densities of optical fibres.



iBER-C-603-RES-48P
height : 1 m

DESCRIPTION

The iBER-C-603-RES is fitted with a vertical cylinder overlength area either on the right or on the left, allowing for easy patch cord cross connection inside the frame and allowing patch cord output at the bottom or the top. It only houses 1P compact modules from the Idea Optical range (see «Compact modules»).

A large side area is reserved for the fixing and fanning out of optical cables using the BEC type anchoring elements.



iBER-C-603-RES-95P



Removable



Overlength
management



Cable input
top / bottom



Anchoring

DESIGNATION		UNIT	iBER-C-603-RES-48P	iBER-C-603-RES-95P	iBER-C-603-RES-105P
Capacity	compact modules	P ⁽¹⁾	48	95	105
	fibres		564	1140	1260
	patch cords		300 (with Ø 1.60 mm patch cords)	600 (with Ø 1.60 mm patch cords)	
	cable anchoring plate		2 - Static	4 - Repositionable	
Roof / floor			Pre-cut		
Door			Solid or glass door		
Side panels			Static	Removable	
Overall dimensions	H	mm	1025	2000	2200
	DxW	mm	300 x 600		
Weight ⁽²⁾		kg	48,4	90,0	105,0
Operating temperature		°C	-25 / +70		
Material			Steel		
Colour		RAL	 7035 (light grey)		
Option			Roof and floor brushes		

RANGE PRODUCTS

REFERENCE	DESIGNATION
12205001	Wall-mounted distribution frame iBER-C-603-RES - 48P
1214003	Distribution frame iBER-C-603-RES-95P (600 x 300 x 2000) openwork roof + brushes + solid door + 1 right patch cords organiser
1214013	Distribution frame iBER-C-603-RES-1055P (600 x 300 x 2200) openwork roof + brushes + solid door + 1 right patch cords organiser

⁽¹⁾ 1P = 20 mm ⁽²⁾ Empty, without modules.



Discover compact modules P66-67.

iBER-C-603-RES-COM

COMMUNICATING OPTICAL DISTRIBUTION FRAME FOR MODULES

USE

The iBER-C-603-RES-COM is a 600 x 300 mm, 2.0 m or 2.2 m high, communicating optical distribution frame specially designed to manage high densities of optical fibres, especially in data centers.



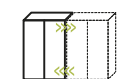
iBER-C-603-RES-COM installed on site



2 iBER-C-603-RES-COM linked by the angle option

DESCRIPTION

The iBER-C-603-RES-COM is fitted with a vertical cylinder overlength area allowing for easy patch cord cross connection inside the frame. The distribution frame has two cable raceways, one at the top and one at the bottom of the frame, which allow horizontal communication between several juxtaposed distribution frames (communicating distribution frame). It only houses 1P compact modules from the Idea Optical range (see «Compact modules»). A large side area is reserved for the fixing and fanning out of optical cables using the BEC type anchoring elements.



Communicating system



Overlength management



Cable input top / bottom



Anchoring

DESIGNATION		UNIT	iBER-C-603-RES-COM-80P	iBER-C-603-RES-COM-90P
Capacity	compact modules	P ⁽¹⁾	80	90
	fibres		960	1080
	patch cords		480 for internal cross connection 960 for communicating cross connection	590 for internal cross connection 1080 for communicating cross connection
	cable anchoring plate		4 - Repositionable	
Roof / floor			Pre-cut	
Door			Solid	
Side panels			Removable	
Overall dimensions	H	mm	2000	2200
	DxW	mm	300 x 600	
Weight ⁽²⁾		kg	90,0	105,0
Operating temperature		°C	-25 / +70	
Material			Steel	
Colour		RAL	7035 (gris clair)	
Option			Roof and floor brushes	

⁽¹⁾ 1P = 20 mm ⁽²⁾ Empty, without modules.

RANGE PRODUCTS

REFERENCE	DESIGNATION
12202001	iBER-C-603-RES-COM - 80P distribution frame (without side panels and door)
12202002	iBER-C-603-RES-COM - 90P distribution frame (without side panels and door)

Other configurations are available please contact us.



iSER-C

DISTRIBUTION SUBRACK FOR MODULES



Discover compact modules P66-67.

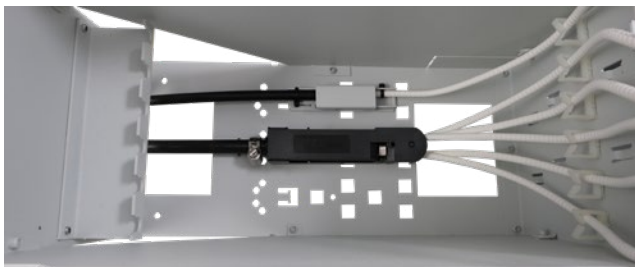
USE

The iSER-C subracks are used to anchor optical cables, the distribution of fibres to the connection modules and the management of patch cords on the front panel.

They are installed in 19" or ETSI frames and house the splicing and/or connection modules (see «Compact modules») as well as the various cable anchoring systems (see «Cable anchoring»).

The iSER-C subracks are available in versions from 1U to 6U, allowing for a wide range of configurations.

Mounting options are also available allowing installation on top of an existing frame, under cable routing or directly on the ceiling.



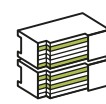
iSER-C with two cable anchors



iSER-C-3U



Identification



Rack stacking



Overlength management



Anchoring

DESCRIPTION

The iSER-C is composed of:

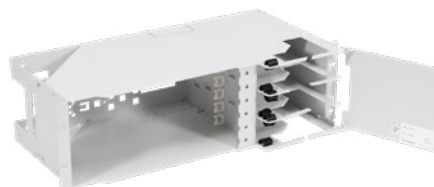
- 1 metal chassis to anchor one or more cables on the back using anchoring elements (BEC-48, BEC-72/144-6T or BEC-144/288-12T);
- 1 lateral coiling zone for each module, with protective flap or a vertical half-cylinder overlength management area (iSER-C-RES);
- 1 mounting kit for ETSI frames.



iSER-C-A 3U for mounting on the rear uprights of a rack



iSER-C 3U with 6 iMER-C 12 SC/APC



iSER-C 3U empty



iSER-C 6U with 12 iMER-C modules

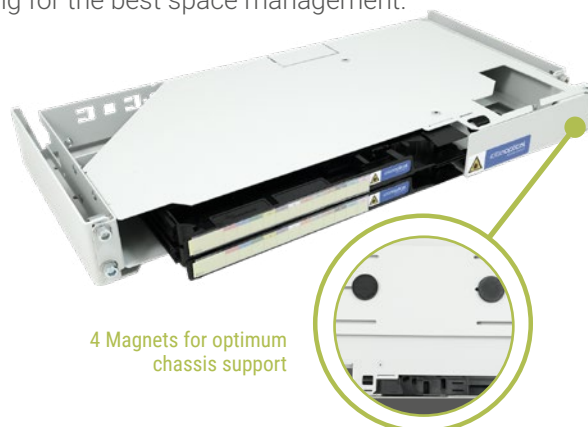
FIXING OPTION FOR ISER-C SUBRACK

Idea Optical has developed iSER-C subrack fixing options, allowing for the best space management.

MAGNETIC TOP OF RACK

The magnetic top of rack is a chassis that easily fits on any type of frame and allows the optical rack to be easily aligned with the openings in the roof. It is available in 1, 2 and 3 U, i.e. a maximum capacity of 72 fibres.

The neodymium magnets of a strength of 54 kg are non-slip and guarantee that the chassis adheres properly to the existing frame.



4 Magnets for optimum chassis support

CEILING FIXING OR UNDER CABLE ROUTING

The ceiling fixing support houses 4 iSER-C 3U for a maximum capacity of 288 fibres.

This option is used for overhead mounting directly in the ceiling. The telescopic fixing stands allow precise adjustment to the site configuration.



DESIGNATION		UNIT	iSER-C 1U	iSER-C 2U	iSER-C 3U	iSER-C 4U	iSER-C 6U
Height		U	1	2	3	4	6
Capacity	modules	P ⁽¹⁾	2	4	6	8	12
	SC-E2000 LC	fibre	24 (24 SX) 24 (24 SX or 12 DX)	48 (48 SX) 48 (48 SX or 24 DX)	72 (72 SX) 72 (72 SX or 36 DX)	96 (96 SX) 96 (96 SX or 48 DX)	144 (144 SX) 144 (144 SX or 72 DX)
	MTP®	fibres version iMRS-C MTP®24	48	96	144	192	288
Tray		12 splices	2	4	6	8	12
Overall dimensions	H	mm	44	88	133	176	266
	DxW	mm	240 x 483 (19") / 533 (ETSI)				
Weight ⁽²⁾		kg	2,2	2,5	3,8	4,7	6,0
Operating temperature		°C	-25 / +70				
Material			Steel				
Colour		RAL	● 7035 (light grey)				

⁽¹⁾ 1 P = 20 mm high. ⁽²⁾ iSER-C-A : (DxW) with modules = 240 x 483. Empty.

RANGE PRODUCTS

REFERENCE	DESIGNATION
10124	iSER-C 1U 19"/ETSI RH chassis
12202001	iSER-C 2U 19"/ETSI RH chassis
104100	iSER-C 3U 19"/ETSI RH chassis
104200	iSER-C 4U 19"/ETSI RH chassis
104300	iSER-C 6U 19"/ETSI RH chassis

Other configurations are available please contact us.



iBER-606/608/808/810-ECO

OPTICAL CABLE MANAGEMENT FRAME

USE

The iBER-606/608/808/810-ECO is an 600 or 800 mm wide, 600, 800 or 1000 mm deep and 42 ou 48U high frame. It is designed to house all types of equipment, in particular optical network connection equipment (optical racks, anchoring and fanning out elements, etc.), but also active equipment such as switches, routers, converters, etc.



iBER-810-ECO 42U with disassembled side panels



iBER-808-ECO

DESCRIPTION

In standard configuration, the iBER-606/608/808/810-ECO is equipped with:

- 2 pairs of 19" sliding vertical uprights;
- front door made of safety glass with pivoting handle and lock;
- back panel with cable gland and lock;
- 1 pair of side panels with lock;
- 4 adjustable feet;
- grounding kit.

Depending on needed, the frame can be also equipped with many options like :

- solid doors, perforated or ventilated;
- openings for ventilation units and cable gland;
- lockable or non-lockable rollers;
- 1 base with or without filter.



Top cable input



Key locking



Removable

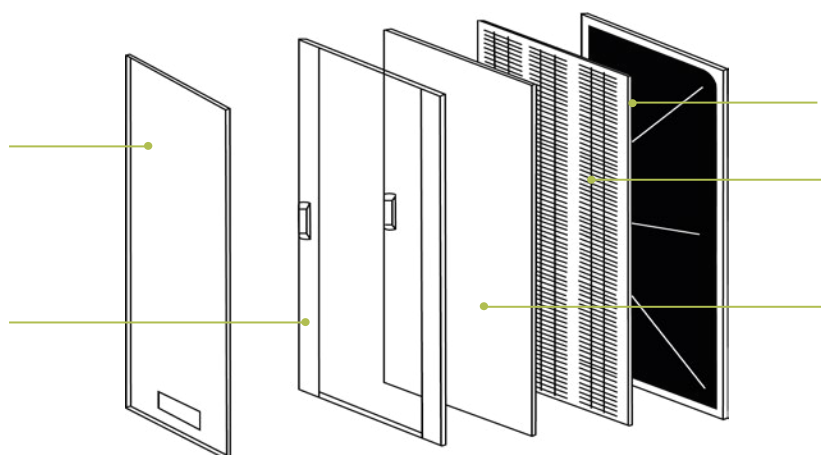


180° opening

Cable gland rings on the right and on the left allowing cable management.

Back panel, with cable gland (standard)

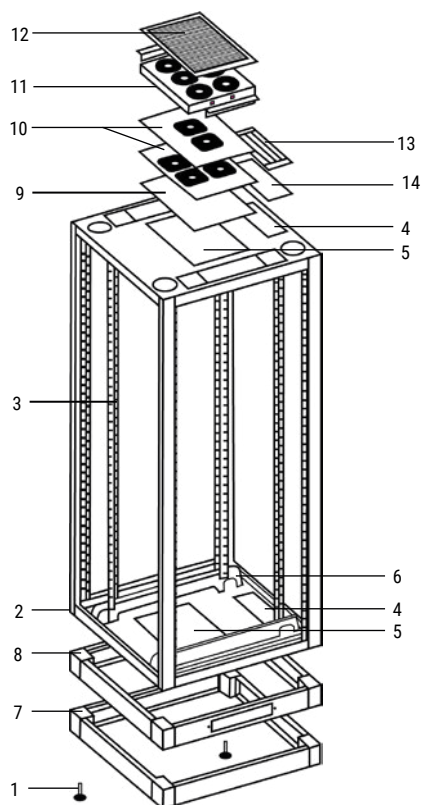
Glass door (standard)



Ventilated door - perforation 86% (option)

Perforated door (option)

Solid door (option)



iBER-606/608/808/810-ECO

OPTICAL CABLE MANAGEMENT FRAME

STANDARD CONFIGURATION	OPTION
1 4 Adjustable feet	7 Base
2 Bay frame	8 Base with filter
3 4 19" vertical uprights	9 Shutter
4 Cable gland knock-out in the roof and the floor	10 Shutters for ventilation openings
5 Openings knock-out for ventilation units in the roof and floor	11 Ventilation units
6 Support for vertical uprights	12 Connection kit with filter for the ventilation unit
- Grounding kit	13 Panel with dustproof brush for cable gland
	14 Shutters for cable gland

DESIGNATION		UNIT	iBER-606-ECO		iBER-608-ECO		iBER-808-ECO		iBER-810-ECO	
Operating height		U	42	48	42	48	42	48	42	48
Capacity	cable anchoring plate		6							
Roof			Solid pre-cut for cable gland ⁽¹⁾							
Front and back doors			Glass door, solid ⁽¹⁾ , perforated ⁽¹⁾ or ventilated ⁽¹⁾ - Single or double door							
Rear panels			solid with lock and pre-cut for cable gland ⁽¹⁾							
Side panels			Removable							
Overall dimensions	H	mm	1978	2245	1978	2245	1978	2245	1978	2245
	DxW	mm	600 x 600	600 x 600	800 x 600	800 x 600	800 x 800	800 x 800	1000 x 800	1000 x 800
Weight ⁽²⁾		kg	83	95	94	106	116	124	125	139
Operating temperature		°C	-25 / +70							
Material			Steel							
Colour		RAL	● 9005 (dark black), ● 7035 (light grey)							
Option			Base, shutters, ventilation, rollers							

⁽¹⁾ Optional. ⁽²⁾ Empty, without equipment.

RANGE PRODUCT

REFERENCE	DESIGNATION
1223504	iBER-606-ECO 42U (HxDxW 1978x600x800) (42U) RAL9005 front glass door and rear panels
1223505	iBER-606-ECO 48U (HxDxW 2245x800x800) (48U) RAL9005 front glass door and rear panels
1223601	iBER-608-ECO 42U (HxDxW 1978x600x800) (42U) RAL9005 front glass door and rear panels
1223602	iBER-608-ECO 48U (HxDxW 2245x800x800) (48U) RAL9005 front glass door and rear panels
1223204	iBER-808-ECO 42U (HxDxW 1978x800x800) (42U) RAL9005 front glass door and rear panels
1223205	iBER-808-ECO 48U (HxDxW 2245x800x800) (48U) RAL9005 front glass door and rear panels
1223401	iBER-810-ECO 42U (HxDxW 1978x1000x800) (42U) RAL9005 front glass door and rear panels
1223402	iBER-810-ECO 48U (HxDxW 2245x1000x800) (48U) RAL9005 front glass door and rear panels

Other configurations are available please contact us.

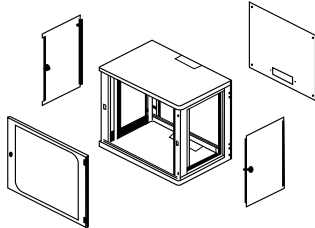


iBER-604.6/604.9/606.6/606.9 ECO

OPTICAL PATCH CABINET

USE

The iBER-604.6 / 604.9 / 606.6 / 606.9 ECO are compact 19" wall-mounted cabinets available in 6U or 9U heights. They are designed to accommodate all types of equipment, particularly optical network connectivity equipment (fiber patch panels, compact modules), as well as active equipment (switches, routers, converters, etc.).



Cabinet enclosure exploded view



iBER-606.9 ECO

DESCRIPTION

Wall-mounted cabinets are equipped with one set of 19" uprights adjustable in depth (rear 19" uprights optional). They enable connections to be made in confined spaces.

- Cable entry openings at the top and bottom, 150 x 56 mm (2 x 6), to be fitted with brush strips for shielded patch cords and copper cables
- Removable side panels with lock for easy access, and tinted safety glass door (EN 12150-1) with lock; grounding kit included
- Available colors: RAL 7035 and 900
- Other dimensions available on request



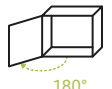
Top cable entry



Key lock



Removable



180° opening

DESIGNATION	UNITÉ	iBER-604.6 ECO	iBER-604.9 ECO	iBER-606.6 ECO	iBER-606.9 ECO
Usable height	U	6	9	6	9
Top panel		Pre-cut plate for cable entries ⁽¹⁾			
Door		Glass			
Side panels		Removable			
Overall dimensions (HxDxW)	mm	358 x 400 x 600	491 x 400 x 600	358 x 600 x 600	491 x 600 x 600
Weight ⁽¹⁾	kg	16,0	20,0	20,0	26,0
Operating temperature	°C	-25 / +70			
Material		Steel			
Colour	RAL	● 9005 (dark black) ou ● 7035 (light grey)			
Options		Cable management guides/trays, blanking panels, shelves, fixing accessories, and rear 19" uprights kit			

⁽¹⁾ Empty, without equipment.

RANGE PRODUCTS

REFERENCE	DESIGNATION
1229401	iBER-604.6-ECO-H Wall-Mounted Cabinet (HxDxW) 358x400x600, 6U RAL 9005
1229402	iBER-604.9-ECO-H Wall-Mounted Cabinet (HxDxW) 491x400x600, 9U RAL 9005
1224101	iBER-606.6-ECO-H Wall-Mounted Cabinet (HxDxW) 358x600x600, 6U RAL 9005
1224102	iBER-606.9-ECO-H Wall-Mounted Cabinet (HxDxW) 491x600x600, 9U RAL 9005

DISTRIBUTION FRAMES ACCESSORIES

OPTIONS

GUIDE / CABLE GRAND AND COVER PLATE

Cable guides and cable grommets enable efficient and neat management of cables and ties on the front of 19P frames.

19" cover plate ensure better airflow management by filling the empty space left by unused U between equipment.

Reference	Designation	RAL
12231	19" Cable gland panel 1U - 4 rings - steel	● 9005 (dark black)
12263	19" Cable gland panel 1U - 5 rings - pastic	● 9005 (dark black)
12259	Set of 4 vertical cable gland rings for an 80mm wide frame (dimensions 80 x 80 or 100 x 100 mm)	● 9005 (dark black)
1264	19" panel - 1U cable gland with brush	● 9005 (dark black)
1275	Cover plate 1U	● 9005 (dark black)
1269	Cover plate 2U	● 9005 (dark black)
1221502	Cover plate 3U	● 9005 (dark black)

TRAYS

These trays provide a rigid mounting surface ideal for installing networking equipment (switches, converters, routers, etc.). They are designed for the 19" standard with a height of 1U and are available in various depths (250/350/450/550/650/750/850 mm), with optional rear mounting brackets.

- Heavy-duty and sliding versions available.
- Supplied with mounting hardware.

Reference	Designation	Depth	RAL
1065	19" tray	250 mm ⁽¹⁾	● 9005 (dark black)
1069	Adjustable tray	550 à 782 mm	● 9005 (dark black)

⁽¹⁾ Please contact us for other depths.

EARTHING KIT

The grounding kit consists of a copper bar mounted on the frame chassis. The bar has M6 holes spaced 25 mm apart.

Reference	Designation
1293	2 m vertical grounding kit for iBER-42U

DISTRIBUTION FRAMES SEAT

The seat is a sturdy structure that supports the distribution frames and allows cables to be fed in from below when a raised floor is installed. The stand is height-adjustable from 200 to 450 mm.

Reference	Designation
1212203	Distribution frame seat iBER-603
1212202	Distribution frame seat iBER-606
1212205	Distribution frame seat iBER-806
12254	Distribution frame seat iBER-808
12239	Distribution frame seat iBER-810



HORIZONTAL MANAGEMENT SUBRACK

REVERSIBLE 2U

USE

The horizontal management subrack reversible 2U allows to manage patch cords overlengths in a 19" 2U high space. Reversible, it allows the cables to be routed on the right or left.



Patch cords overlength management coming from the right



Horizontal management subrack reversible 2U



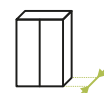
Cable input from top / bottom



Overlength management



Compactness



Low depth

DESCRIPTION

The horizontal management subrack reversible 2U is composed of:

- 1 patch cords management 2U;
- 3 half cylinders for controlling radius of curvature;
- guide pin to keep the cords neatly arranged in the rack.

Reversible subrack (cable input from the left or the right).

Optimal cord retraction and adjustment thanks to the half-cylinders.

DESIGNATION		UNIT	
Working height		U	2
Capacity	cords		150 (with Ø 1.6 mm patch cords)
Overall dimensions (HxDxW)		mm	88 x 190 x 480
Weight ⁽¹⁾		kg	2,1
Operating temperature		°C	-25 / +70
Material			Steel
Colour		RAL	● 9005 (dark black)

⁽¹⁾ Empty.

RANGE PRODUCTS

REFERENCE	DESIGNATION
12249	Simple reversible horizontal management subrack 19" 2U height black colour

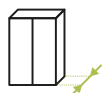
HORIZONTAL MANAGEMENT SUBRACK 3U



Horizontal management subrack 3U



Cable input from top / bottom



Low depth



19" / ETSI mixed use



Overlength management

USE

The horizontal management subrack allows to manage patch cord overlengths in a 19" 3U high space.



Horizontal management subrack 3U fitted in a 19" frame

Reversible management subrack (right or left patch cord input).

Optimum organisation and adjustment of the patch cords thanks to the cylinders and half-cylinders. Optional ETSI and 23" **adapter brackets** available.

DESCRIPTION

The horizontal management subrack is composed of:

- 1 x 3U patch cord management area;
- 1 patch cord input on the right or left, depending on the mounting of the 19" horizontal management subrack in the chassis;
- 3 cylinders and two half-cylinders that respect the bending radii of the G.652 and G.657 optical fibres.

DESIGNATION		IC5985 REFERENCE	
Working height	U	3	
Capacity	cords	288 (with Ø 2.00 mm patch cords)	
	organiser space	m	0,4 min / 0,9 max
Overall dimensions (HxDxW)	mm	133 x 190 x 483	
Weight ⁽¹⁾	kg	4,0	
Operating temperature	°C	-25 / +70	
Material		Steel / Fibre glass reinforced polycarbonate	
Colour	RAL	● 9005 (dark black)	

⁽¹⁾ Empty.

RANGE PRODUCTS

REFERENCE	DESIGNATION
12208	Simple reversible horizontal management subrack 19" / ETSI 3U height



OPTIC-RUN

MODULAR NETWORK CABLE MANAGEMENT SYSTEM

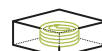
Optic-Run offers an optimal optical cable management system. It enables cable routing between server racks, ensuring protection and preserving fibre performance.

The modular, customisable and scalable solution, thanks to its main cable trunking, its connectors, its crossings and bends, is manufactured from halogen-free, flame-retardant PC/ABS plastics. With vertical drops, it is possible to access the cable openings directly regardless of the type of server rack.

The Optic-Run solution can be installed quickly throughout all areas of the data centre. Suspended from the ceiling using hangers or a system of threaded rods with side mounting supports, it adapts easily to all configurations. Supplied in 2-metre lengths, the cable trunking can be cut easily for perfect integration into your environment.



Fast
implementation



Storage



Easy installation



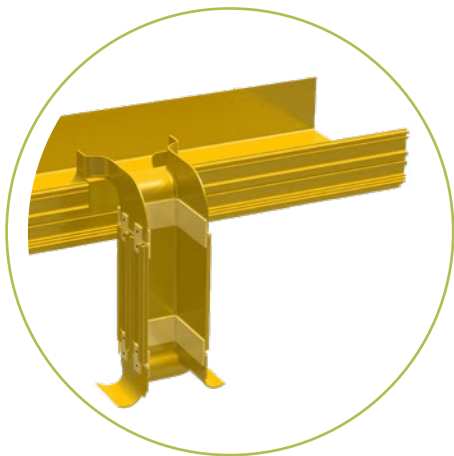
Adaptative



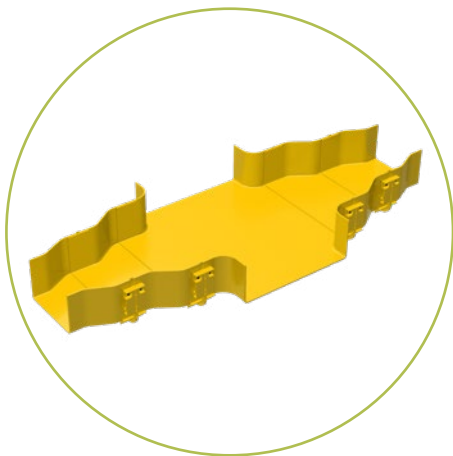
Installation of Optic-Run in the Meet-Me-Room

A fully modular and scalable system.
Guarantees the bend radius protection.
Installation in the **Meet-Me-Room** and in the **server room**.
Plastic resistant to **high temperatures**.

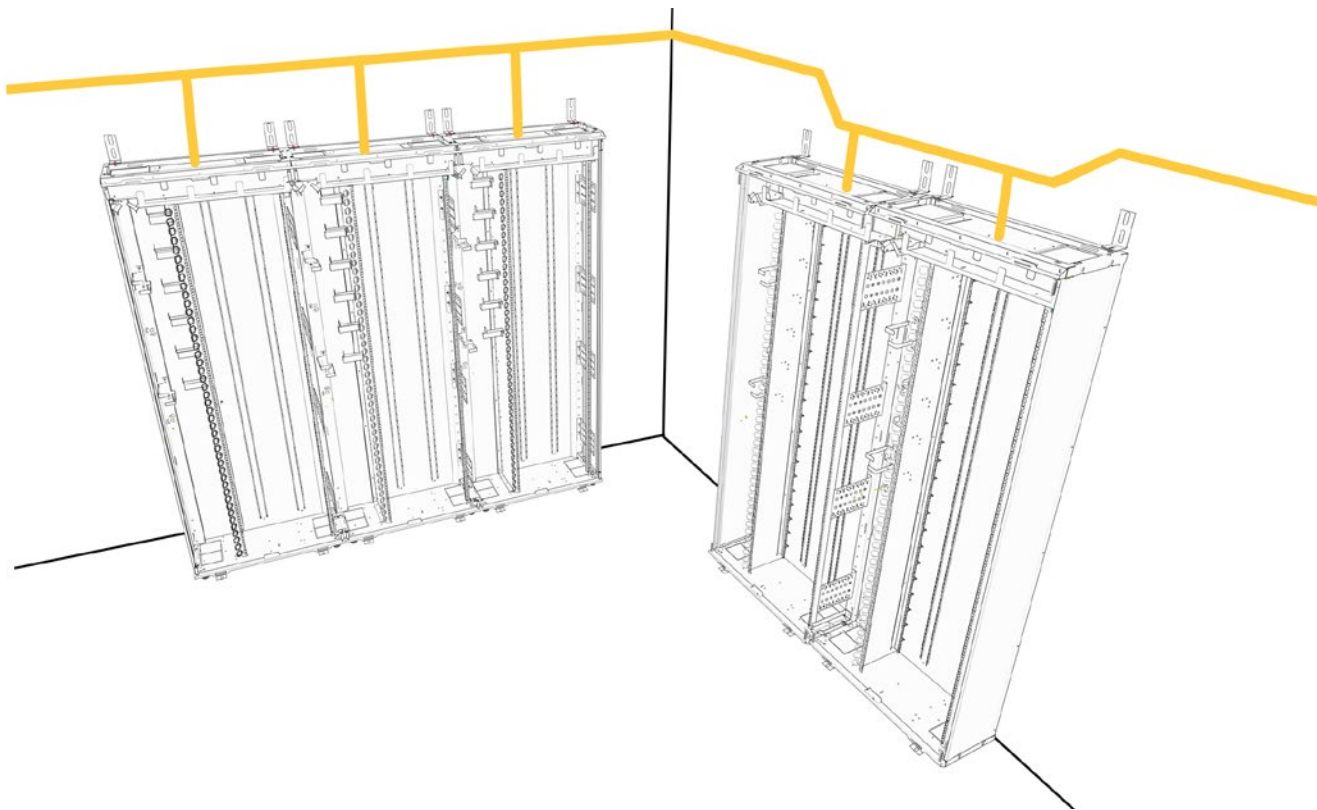
MODULAR NETWORK CABLE MANAGEMENT SYSTEM



Cable routing to cabinets
respecting the bend radius



Connection of cable trunking and rerouting
simplified cables



A fully customisable cable tray

DESIGNATION	UNIT	OPTIC-RUN RANGE
Material		halogen-free PC/ABS
Colour	RAL	● 1021 (rapeseed yellow)
Standard		UL 94 V-0



OPTIC-RUN PRODUCTS AND ACCESSORIES

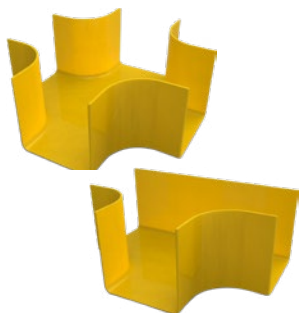
CABLE TRAY



OPTIC-RUN TRUNKING

The main conduit consists of a single injection-moulded piece.

Reference	Designation	RAL
12290001	Optic-Run 160 - Trunking 160 x 100 mm (length 2 m)	● 1021 (rapeseed yellow)
12291001	Optic-Run 300 - Trunking 300 x 100 mm (length 2 m)	



OPTIC-RUN JUNCTION

The Optic-Run T-piece and cross allow branches to be created to connect the main conduits and other components.

Reference	Designation	RAL
12290002	Optic-Run 160 - Cross 160 x 100 mm	● 1021 (rapeseed yellow)
12291002	Optic-Run 300 - Cross 300 x 100 mm	
12290003	Optic-Run 160 - Junction T-piece 160 x 100 mm	
12291003	Optic-Run 300 - Junction T-piece 300 x 100 mm	



OPTIC-RUN ANGLE PIECES

Optic-Run angle pieces are used for the horizontal rerouting of optical cables.

Reference	Designation	RAL
12290006	Optic-Run 160 - 45° angle 160 x 100 mm	● 1021 (rapeseed yellow)
12291004	Optic-Run 300 - 45° angle 300 x 100 mm	
12290005	Optic-Run 160 - 90° angle 160 x 100 mm	
12291005	Optic-Run 300 - 90° angle 300 x 100 mm	



OPTIC-RUN ELBOWS

Downward elbows are used to route optical cables downwards.

Reference	Designation	RAL
12290006	Optic-Run 160 - 45° angle 160 x 100 mm	● 1021 (rapeseed yellow)
12291006	Optic-Run 300 - 45° angle 300 x 100 mm	
12290007	Optic-Run 160 - 90° angle 160 x 100 mm	
12291007	Optic-Run 300 - 90° angle 300 x 100 mm	

Upward elbows are used to route optical cables upwards.



Reference	Designation	RAL
12290008	Optic-Run 160 - 45° angle 160 x 100 mm	● 1021 (rapeseed yellow)
12291008	Optic-Run 300 - 45° angle 300 x 100 mm	
12290009	Optic-Run 160 - 90° angle 160 x 100 mm	
12291009	Optic-Run 300 - 90° angle 300 x 100 mm	



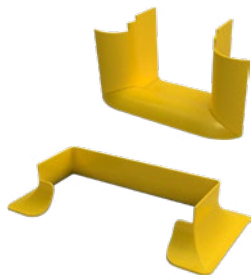
OPTIC-RUN REDUCERS - ACCESSORIES

Reducers reduce the size of main conduits and other components and feature snap-on connectors.

Reference	Designation	RAL
12290010	Optic-Run Reducer 220 x 100 mm -> 160 x 100 mm	● 1021 (rapeseed yellow)
12291010	Optic-Run Reducer 300 x 100 mm -> 220 x 100 mm	

OPTIC-RUN PRODUCTS AND ACCESSORIES

CABLE TRAY



OPTIC-RUN CURVED OUTLET

The curved outlet is the final protective component that guides the optical fibre cable to the protected area with a minimum bend radius (30 mm).

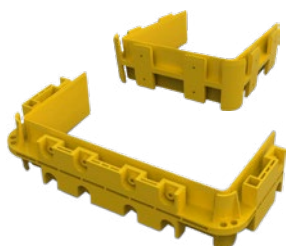
Reference	Designation	RAL
12292001	Optic-Run 100 Curved outlet 100 x 100 mm	● 1021 (rapeseed yellow)
12290011	Optic-Run 160 Curved outlet 160 x 100 mm	
12291011	Optic-Run 300 Curved outlet 300 x 100 mm	



OPTIC-RUN END CAP

The end cap is used to seal the open ends of the main conduits and other components, and does not require a snap-on connector.

Reference	Designation	RAL
12290012	Optic-Run 160 End cap 160 x 100 mm	● 1021 (rapeseed yellow)
12291012	Optic-Run 300 End cap 300 x 100 mm	



OPTIC-RUN CONNECTOR

The snap-on connector allows the connection of one cable raceway to another and is required when adding a deviation or an accessory. Locked using a standard Phillips screwdriver.

Reference	Designation	RAL
12292006	Optic-Run 100 Connector 100 x 100 mm	● 1021 (rapeseed yellow)
12290013	Optic-Run 160 Connector 160 x 100 mm	
12292007	Optic-Run 220 Connector 220 x 100 mm	
12291013	Optic-Run 300 Connector 300 x 100 mm	



OPTIC-RUN SIDE MOUNTING BRACKET

The side mounting bracket is used to install a cable tray on a rack.

Reference	Designation	RAL
12290014	Optic-Run 160 side mounting bracket for Optic-Run Trunking 160 x 100 mm ⁽¹⁾	● 9005 (dark black)
12291014	Optic-Run 300 side mounting bracket for Optic-Run Trunking 300 x 100 mm ⁽¹⁾	



OPTIC-RUN ACCESSORIES

Accessories are also available to manage, protect and fasten optical fibre cable raceways.

Reference	Designation	RAL
12292002	Optic-Run vertical drop 100 x 100 mm	● 1021 (rapeseed yellow)
12292003	Optic-Run vertical drop cover 100 x 100 mm	

Reference	Designation	RAL
12292004	Optic-Run Tube for 2-duct vertical drop guide	● 1021 (rapeseed yellow)
12292005	Optic-Run 2-duct vertical drop guide 100 x 100 mm	

Reference	Designation	RAL
12292008	Optic-Run T-screw / fixing knob	● 1021 (rapeseed yellow)

Covers associated with these items are available as an option.
Material PC/ABS (halogen-free, flame-retardant) except for ⁽¹⁾ SPCC steel.



CITY & CAMPUS SOLUTION

The solution for smart campuses and smart cities enables the deployment of new outdoor networks designed to support IP-based applications such as video surveillance, digital signage, and Wi-Fi. It is suited to both urban environments and large campuses, including healthcare, university, airport, and hospitality sites.



THE +

{ Plug & Play solution.

{ Easy integration into lighting columns and surveillance poles.



iCOVE-C (D1)
P.130



City enclosure
D1 IB1649



iCOVE-W2 (D2)
P.131

TESTIMONIAL

Thomas Ropert, Managing Director, AFOR



“ We use City ICOVE-C (D1) and ICOVE-W2 (D2) enclosures to connect cameras and Wi-Fi across our installations, such as in La Baule and Saint-Nazaire. Working with ACOME Group, a French company, is a real added value for us.

The Villa & Campus solution is discreet and aesthetically pleasing, which is a significant advantage as street lighting poles are becoming increasingly design-oriented. The enclosures are robust, easy to install, and resistant to various conditions such as water, sand, and wind.

We mainly use these enclosures for video surveillance and Wi-Fi hotspots. The responsiveness and professionalism of ACOME Group are key strengths. We recommend their products to anyone looking for a reliable, aesthetic, and ready-to-use solution.



iCOVE-C

COMPACT ELECTRO-OPTICAL BOX

USE

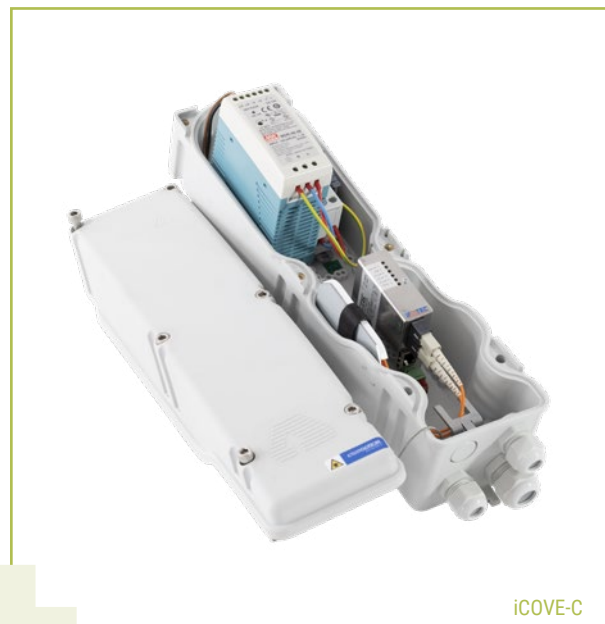
The iCOVE-C is a box adapted to the connection of terminals such as CCTV cameras, wifi access points, access control, digital displays... The outdoor box provides the connection of optical fibres, the optoelectronic conversion as well as the converter energy management.

This box is suitable for all types of installation: wall mounted, in a connection chamber (compatible with L1T type chambers), at the top or inside a mast or lamp post.

DESCRIPTION

The iCOVE-C is a plastic box composed of:

- 1 splice tray of 4 OF;
- 1 DIN rail for all types of equipment;
- 4 individual inputs (cable glands, one of which is breakable);
- 1 mounting system (chamber, wall, exterior and interior of mast option);
- 1 optical switch or a media converter and its power supply.



Compactness



Wall / post mounting



Waterproof IP67



Factory assembly



Fixture to a lamp post



Lamp post installation



Cable protection option



Closed iCOVE-C box

DESIGNATION		UNIT	
Capacity	fibre		4
Cable input			Up to 4 individual cable glands
Overall dimensions (HxDxW)	mm		400 x 120 x 98
Weight ⁽¹⁾	kg		1,4
Operating temperature	°C		-25 / +70
Material			Fibre glass reinforced polycarbonate
Protection	IP		67
Colour ⁽²⁾	RAL		● 7035 (light grey)

REFERENCE ⁽³⁾	ACTIVE COMPONENT	PoE	ALIMENTATION	DESIGNATION
IB1632	-	-	-	iCOVE-C -NU
IB1640	Converter Giga PoE++	PoE++ 50W	54V-60W	iCOVE-C -DJ10A-ALIM 48V-MINIGIGA-1PGT LCU DX G.657A2-1PGT LC DX OM2
IB1649	Switch Giga PoE+ 2 SFP + 2RJ45, Contact TOR	PoE+ 30W		iCOVE-C
IB1730	Converter Giga PoE+	PoE++ 90W	54V-120W	City D1 enclosure with 1 SFP slot and converter Giga PoE++ Alim 120W

⁽¹⁾ Empty. ⁽²⁾ Other colours on request. ⁽³⁾ For other configurations, please contact us.

iCOVE-W2

ELECTRO-OPTICAL BOX



iCOVE-W2



Independent fibre management



Waterproof IP65



Wall / post mounting



Key lock



USE

The iCOVE-W2 is an outdoor electro-optical box equipped with a media converter. This box allows the connection of optical fibres, the optoelectronic conversion and the converter power supply.

The separate and protected optical tray guarantees an optimum level of safety when working on the electric and optoelectronic part.

DESCRIPTION

The iCOVE-W2 is an outdoor box composed of:

- 1 painted stainless steel shell;
- 1 reversible pivoting front door with lock (cable input from the bottom or top);
- 1 stainless steel mounting plate for wall or pole mounting and its protective cover.

Optical management:

- 1 cable anchoring fixing plate;
- 1 splice tray of 12 OF.

Electric management:

- 1 DIN rail used to fit all types of terminal block, switch, circuit breaker or power outlet;
- 1 DIN rail to fit the power supply and the converter;
- Multi-diameter grommet.

The optical/electric equipment can be configured as required.



iCOVE-W2



Colour option

DESIGNATION		UNIT	
Capacity	fibre		12
	electric		1 x 2- or 4-port POE+ switch – 1 x power supply + circuit breakers
Tray		12 splices	1
Cable input			1 cable gland - 3 multi-diameter cable glands
Max. cable diameter	Cable gland	mm	13 - 18 (PG21)
	Grommet		7 x 3,5 - 6,5
			7 x 6 - 10
			2 x 9,6 - 15,9
Overall dimensions (HxDxW)	Box set only	mm	300 x 179 x 200
	Set + stainless steel turntable		515 x 191 x 200
Weight ⁽¹⁾		kg	8,2
Operating temperatures		°C	-25 / +70
Material			Stainless steel
Protection		IP	65
Colour ⁽²⁾		RAL	 7035 (light grey)

REFERENCE	POE	ALIMENTATION	DESIGNATION
IB1641	PoE+ 30W		iCOVE-W2 - WITHOUT EQUIPMENT - MOUNTING PLATE
IB1643		100W-48V DC	iCOVE-W2-IFO-1 THERM6A-1 THERM1A-1MC INET4+-1 ALIM100W-R703
IB1644		150W-48V DC	iCOVE-W2-IFO-1 DISJ 6A-1MC INET6+ -1ALIM 48V R7035
IB1645			iCOVE-W2-IFO-1 THERM6A-1MC INET4+-1 ALIM100W- R7035

⁽¹⁾ Empty and with mounting plate. ⁽²⁾ Other colours available on request.



BRIO-S

INTERIOR OPTICAL CONNECTION BOX

USE

The BRIO-S is an optical connection box, designed to be installed in residential premises. The security function protects against opening and disconnection of optical patchcord thanks to his shutter.

This outlet is available in 1 to 4 fibre versions. Installation is easy and can be either by pigtail splicing, or using a mountable field connector or by using a 900 µm pre-terminated cable. One of the ports can be used to connect a micro-cable blown into a micro-duct.



BRIO-S with 3 raccords SC/APC and 1 micro-duct (option)



BRIO-S protected with 1 security screw



BRIO-S



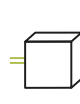
Secure



Quick deployment



Independent fibre management



DIN rail mounting

DESCRIPTION

The BRIO-S is composed of :

- 1 base with 9 cable inputs;
- 1 bare fibre or 900 µm bare fibre coiling tray which can hold up to 4 fusion splice protection jackets 45 mm long or for splitters 4 x 4 x 40 mm;
- 1 protective cover;
- 1 pivoting flap with 1 security screw;
- 1 identification area under clear label protection;
- 1 screw and dowel kit for wall mounting (option).

Compact optical terminal for residential premises.
Optical part security.



BRIO-S with four SC/APC adaptaters with external shutter

DESIGNATION		UNIT	
Capacity	SC-E2000 LC	fibre	4 (4 SX) 4 (4 DX)
Fibre type			G.657
Splicing area			4 thermo sleeves max. 45 mm or splitters 4 x 4 x 40 mm
DIN rail mounting			Yes
Overall dimensions (HxDxW)			118 x 28 x 80
Cable entries			9 cable entries Ø 4 mm max and 1 for micro-duct Ø 7 mm max
Gas block		mm	Up to Ø 12 x 20 (option)
Weight ⁽¹⁾		gr	70
Operating temperature		°C	-25 / +70
Material / Fire performance			Halogen-free PC/ABS thermoplastic
Protection		IP / IK	40 / 08
Colour		RAL	○ 9010 (pure white) and ● 7035 (light grey) for the ring
Packaging			
Packing			50 items / box - 56 boxes / pallet

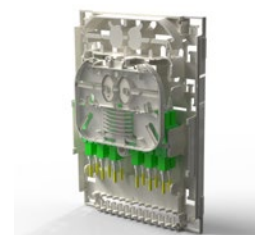
⁽¹⁾ Empty

INTERIOR OPTICAL CONNECTION BOX

USE

The BRIO-M is designed for wall fixing or DIN rail mounting and is suitable for installation as a riser or building ground floor connection point.

It allows 12 pre-terminated subscriber cables to be connected to the vertical distribution cable. This box is compatible with most of the transport, riser and subscriber connection cables on the market.



BRIO-M with 12 connectors and SC/APC pigtails

DESCRIPTION

The BRIO-M is composed of:

- 1 base with 2 slots for the anchoring of distribution cables (up to Ø 13.5 mm) in the left or right position, a slot for splitters, a panel with 12 SC adapters and a micromodule storage area;
- 12 individual anchorings for cable up to Ø 4.2 mm;
- 1 splicing tray for 12 heat-shrinkable jackets (max length: 45 mm);
- 1 cover with closure screw and laser logo.



BRIO-M



Light



Secure



Quick deployment



Compactness

Offset mounting option for installation in an occupied riser.
Option of a pair of extension covers for installations along trunking.

DESIGNATION		UNIT	
Capacity	SC-E2000 LC	fibre	12 (12 SX) 16 (8 DX or 12 SX)
	coupleur		2 splitter slots size 60 x 7 x 4 mm
Tray		12 splitter	1
Fibre type			G.657
Cable inputs			2 (distribution cables Ø 6.5 mm to 13.5 mm) 12 (subscriber cables up to Ø 4.2 mm)
Overall dimensions (HxDxW) ⁽¹⁾		mm	203 x 51 x 147 – 331 x 51 x 147 (with extension covers)
Weight ⁽¹⁾		g	372
Material / Fire performance			Halogen-free thermoplastic / UL94 V0
Protection		IP / IK	40 / 08
Operating temperature		°C	-25 / +70
DIN rail mounting			Yes
Colour		RAL	● 9010 (pure white)
Option			Pair of extension covers - Offset mounting
Packaging			
Packing			10 items / box - 32 boxes / pallet

⁽¹⁾ In 12-pigtail SC/APC version



BRIO-S-W

IP 54 OPTICAL CONNECTION BOX

USE

The BRIO-S-W is a waterproof optical terminal outlet suitable for indoor or outdoor installation for wall or pole installation. The BRIO-S-W allow to splice a cable or a micro-cable on pigtails, creating a pre-connectorized distribution point. The protective cover is removable and can be secured with a specific screw (option) or by a seal.



BRIO-S-W with 4 duplex adapters and 8 LC/APC pigtails



BRIO-S-W

DESCRIPTION

The BRIO-S-W consists of:

- 1 base containing 1 location for anchoring distribution cables or micro-duct up to Ø 12 mm, a dedicated area for a drop cable and 1 panel of 4 SC or 4 LC DX adapters and pigtails;
- 8 locations for anchoring drop cable until Ø 4,2 mm;
- 1 splice tray (12 heat-shrinkable sleeve of max length: 45 mm and 1 splitter position of 60 x 7 x 4 mm);
- 1 strip passage for post mounting;
- 1 cover with closing screw (optional), 2 positions for sealing lead an identification location..



Weatherproof
IP54



Wall / post
mounting



Light



Bottom Cable
Entry

CONNECTION TYPE



Herringbone wiring

DESIGNATION		UNIT	
Capacity	SC-E2000 LC	fibre	4 (4 SX) 8 (4 DX)
	splitter		1 splitter position 60 x 7 x 4 mm
Splice tray		12 splices	1
Type of fibre			G.657
Distribution cable input			1 x up to 12 mm
Cable drop input			8 x up to Ø 4,2 mm
Dimensions (HxDxW) overoll		mm	209,5 x 46 x 123
Weight ⁽¹⁾		g	280
Operating temperature		°C	-25 / +70
Material / Fire behavior			Thermoplastics PC / UL94 V0
Protection		IP / IK	54 / 08
Colour		RAL	● 9010 (pure white), ● 7040 (window grey) and ● 9005 (jet black), ● 7035 (light grey), ● 8007 (brown)
Pole mount			stainless steel banding slot up to 20 mm

⁽¹⁾ Empty.

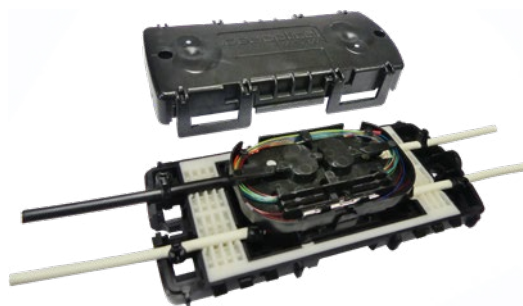


MBEO

OPTICAL WATERPROOF MICRO BOX

USE

The MBEO (Optical Waterproof Micro Box) is an IP68 optical connection box designed for outdoor installation in a telecom chamber, in the ground, on a façade or on a pole. The MBEO can be used as a transition box between exterior and interior cables, but also to restore a damaged optical link or as an ultra-compact optical connection point. According to the standards in some countries, it constitutes a demarcation point between the public and private domain.



DESCRIPTION

The MBEO is composed of:

- 1 base with: four cable inputs (from Ø 3.8 to 6.2 mm) with two oblong holes to fix it when the box is in the open or closed position;
- 1 cover with identification area;
- 1 tray (protection splice and ANT protection);
- 1 stainless steel banding slot for pole mounting;
- 4 plastic cable ties.

CONNECTION TYPE



In-line wiring



Herringbone wiring

DESIGNATION	UNIT	
Splicing area	4 épissures	1
Fibre type		G.657
Cable input		4 x Ø 3.8 to Ø 6.2 mm
Overall dimensions (HxDxW)	mm	142 x 29 x 66
Weight ⁽¹⁾	g	130
Operating temperature	°C	-40 / +65
Material		PC, PA et SEBS
Protection	IP / IK	68 / 09
Colour ⁽²⁾	RAL	● 9005 (black)
Pole mount		Stainless steel banding slot up to 20 mm
Standard		XP C90-486 (PDO function)
Packaging		
Packing		12 items / box - 132 boxes / pallet

⁽¹⁾ Empty. ⁽²⁾ Other colours on request.



BRIO-L-W

IP 54 OPTICAL CONNECTION BOX

USE

BRIO-L-W is designed to be installed as a connection or sharing point, either inside a building or outside on a pole or facade.

It is modular and can be fitted in a 100% pre-connectorised version, ideal for PLUG AND PLAY applications such as antenna connection (FTTA).

Alternatively, it is possible to configure solutions based on welds between cables or using pigtails. Field assembly connectors can also be used.

BRIO-L-W can connect up to 24 subscriber cables. Three different technologies are available for the cable exits:

- in-line seal;
- cable grommet;
- cable gland



BRIO-L-W in-line seal



BRIO-L-W



Weatherproof
IP54



Wall / post
mounting



Cable input from
below



Indoor
installation

DESCRIPTION

The BRIO-L-W is composed of:

- 1 base with a housing for the anchoring of distribution cables (up to Ø 16 mm) and a 12 SC connection strip;
- 1 individual cable anchoring system;
- 1 x 5-pitch bare fibre splice tray organiser for up to 60 splices and 5 splitter housings depending on the configuration;
- 1 banding passage for pole mounting;
- 1 cover with closing screw (screw optional), using clips, 2 positions for embedded seals and 1 identification zone;
- 1 splitter system between two boxes (option).

CONNECTION TYPE



Herringbone wiring

BRIO-L-W is highly modular, and can be deployed in a wide range of FTTx network architectures.



BRIO-L-W in-line seal



BRIO-L-W
IN-LINE SEAL



BRIO-L-W
CABLE GROMMET



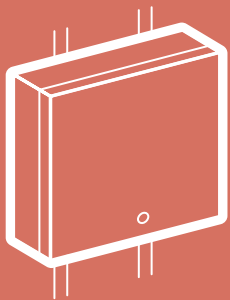
BRIO-L-W
CABLE GLAND

DESIGNATION		UNIT	BRIO-L-W IN-LINE SEAL	BRIO-L-W CABLE GROMMET	BRIO-L-W CABLE GLAND
Capacity	SC-E2000 LC	fibre	12 (12 SX) 24 (12 DX)		
	splitters		4		
Tray		pitch	5		
Tray			Up to 60 splices depending on the configuration ⁽¹⁾		
Fibre type			G.652 ou G.657		
Distribution cable entry			2 grommet housings ⁽²⁾	2 grommet housings ⁽²⁾	1 M32 cable gland housing
Drop cable entry			24 individual entries up to Ø 4 mm	4 cable grommet housings ⁽²⁾	4 M25 cable gland housings
Swivel hinge			Yes		No
Overall dimensions (HxDxW)		mm	299 x 80 x 223		288 x 80 x 223
Operating temperature		°C	-25 / +70		
Material / Fire behaviour			PC-ASA and PC-ABS / UL94 V0 thermoplastic		
Protection		IP / IK	54 / 08		
Colour		RAL	● 9010 (pure white), ● 7040 (window grey), ● 9005 (dark black), ● 7035 (light grey), ● 8007 (brown)		
Wall mounting			4 oblong holes		
Pole mount			2 band passages up to 20 mm		
Box splitting (option)			Up to 3 BRIO-L-W between each other		

⁽¹⁾ See product sheet: "bare fibre management splice tray". ⁽²⁾ See product sheet: cable grommet.







FTT-CP SOLUTIONS

19" vertical wall-mounted enclosure T1... P.140

19" vertical wall-mounted enclosure T2... P.141

T1 19" VERTICAL WALL-MOUNTED CABINET

FttACP PATCH CABINET

USE

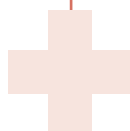
The T1 19" vertical wall-mounted cabinet enables the patching, integration and power supply of electro-optical equipment. It is particularly well suited for installation in confined workspaces. Thanks to its swivel-roof design, the cabinet's patch panels remain accessible after installation.



19" vertical T1 wall-mounted cabinet fitted with 2 48-port switches, 1 iSER-C optical rack and 2 48-port RJ45 panels



T1 19" VERTICAL WALL-MOUNTED CABINET



Wall mounting



Key locking



100° opening

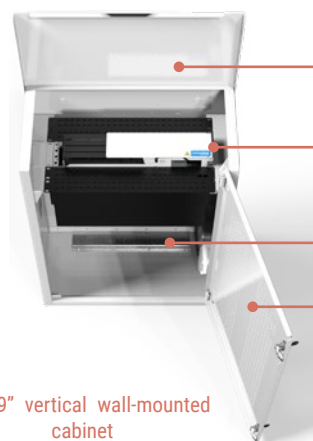


Secure

DESCRIPTION

The T1 vertical 19" wall-mounted cabinet comprises:

- 1 metal frame with a removable
- door that can be locked using 2 locks;
- 1 hinged top panel for easy access to the patch panel area once the cabinet is installed;
- 1 19" 6U section for housing active and passive equipment (copper and fibre optic);
- 4 surface-mounted 2P+E power sockets;
- 1 cable management comb.



Access from above

Patch panel area with switches, iSER-C, and 2 RJ45 patch panels

Cable entry brush

Removable front access door

T1 19" vertical wall-mounted cabinet

DESIGNATION	UNIT	
Operational height of 19" areas	U	6
Key locking		2
Height	mm	800
Overall dimensions (DxW)	mm	300 x 600
Weight ⁽¹⁾	kg	21
Operating temperatures	°C	-25 / +70
Colour	RAL	● 7035 (grey)

⁽¹⁾ Empty.

T2 19" VERTICAL WALL-MOUNTED CABINET

FttACP PATCH CABINET



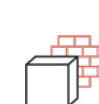
T2 19" VERTICAL WALL-MOUNTED CABINET

USE

The T2 VERTICAL 19" WALL-MOUNTED ENCLOSURE enables the patch-panel connection, integration and power supply of 19" electro-optical equipment.



Doors, side panels and honeycomb back panel to ensure ventilation of the equipment



Wall mounting



Key locking



Removable panels



Cable entry top / bottom



Height-adjustable equipment mounting brackets



DIN rail for mounting equipment (iBIC-12)

DESCRIPTION

The T2 VERTICAL 19" WALL-MOUNTED CABINET comprises:

- 1 x 19" usable space, divisible into 2 zones that are adjustable in height and depth (1 zone for active equipment, 1 zone for patch panels);
- 2 power supply panels;
- 1 x DIN rail compatible with all types of equipment;
- Several openings with brushes, at the top and bottom of the cabinet, allowing cables to pass through;
- Removable doors and side panels;
- 1 door secured by a key lock.

The cabinet's outer protective casing is honeycomb-structured, ensuring protection and ventilation for the equipment.

DESIGNATION		UNIT	
19" area	depth	U	2 x 3
	height ⁽¹⁾	mm	750
DIN rail length		mm	100
Overall dimensions (HxDxW)		mm	1000 x 200 x 700
Weight ⁽²⁾		kg	32
Operating temperatures		°C	-25 / +70
Material			Acier
Colour			RAL 9016 (Traffic white)

⁽¹⁾ Total height, excluding the clearance required between the two areas. ⁽²⁾ Empty.







POL SOLUTIONS

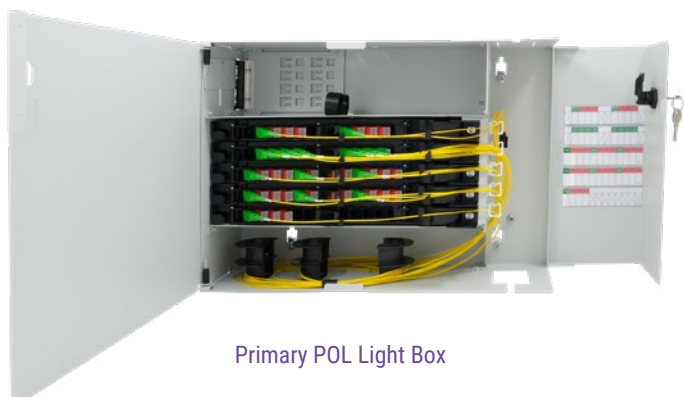
POL light primary box	P.144
POL ECO passive primary box	P.145
POL Light active secondary box	P.146
POL ECO active secondary box	P.147
POL Light passive raised-floor secondary box	P.148
POL ECO passive secondary box	P.149
Pre-wired power strip	P.150
Wall mounted splice enclosure T1/T2/T3	P.151
Optical terminal socket box	P.152
Connecting patch cords	P.153

POL LIGHT PRIMARY BOX

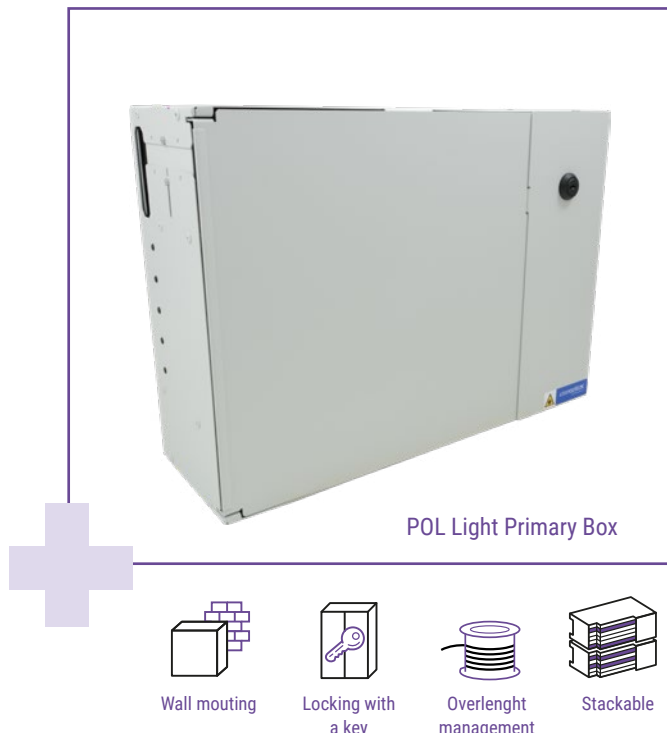
OPTICAL DISTRIBUTION BOX

USE

The POL light primary box is an optical distribution box designed to provide optical connectivity for GPON and P2P networks.



Primary POL Light Box



POL Light Primary Box



Wall mounting



Locking with a key



Overlength management

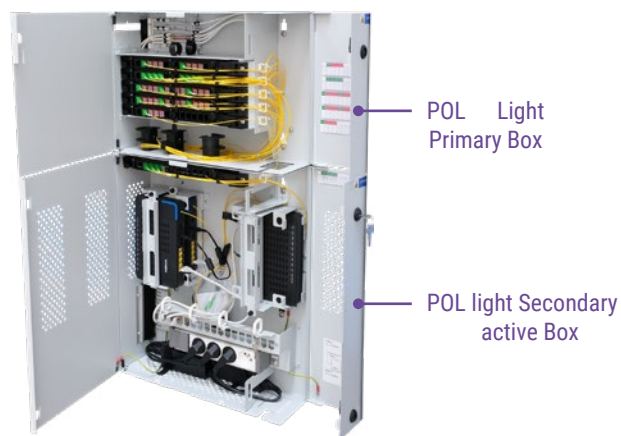


Stackable

DESCRIPTION

The POL light primary box is composed of:

- 5 iMOD-UNI modules enabling GPON et P2P connections;
- 1 cable routing area leading to a POL light secondary active box;
- 1 cable or breakout connection area;
- 1 area for managing excess cable length;
- 2 sheet metal protective covers.



DESIGNATION		UNIT	
Capacity	ACL / cable		4
	modules	iMOD-UNI	5
Key lock			Yes
Height		mm	325
Dimensions (DxW)		mm	150 x 450
Weight ⁽¹⁾		kg	7,20
Operating temperature		°C	-25 / +70
Colour			● RAL 7035 (grey)
REFERENCE		DESIGNATION	
IB1474		KIT-PRIMARY POL LIGHT BOX	
IB1654		KIT-SECONDARY ACTIVE POL LIGHT BOX	

⁽¹⁾ Empty.

POL ECO PASSIVE PRIMARY BOX

OPTICAL DISTRIBUTION BOX

USE

The POL ECO PASSIVE PRIMARY BOX is an optical sub-distribution box and allows the optical connection of offices in GPON networks. It is located upstream of the passive secondary boxes.

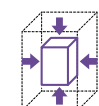
This solution offers significant space savings, while maintaining easy handling.



POL ECO PASSIVE PRIMARY BOX
equipped with a protective cover



POL ECO Passive Primary Box



Compactness



Right and left
cable entry



Wall mounting



Multi-pin for
cables



Splice trays for cable splicing
to the passive secondary boxes

DESCRIPTION

The POL ECO PASSIVE PRIMARY BOX is composed of:

- 1 splice tray for splicing coupler inputs;
- 1 splice tray for splicing coupler outputs;
- 2 right and left anchoring multi-pins to hold the cables to the passive secondary boxes;
- 1 sheet metal protective cover.

DESIGNATION		UNIT	
Capacity	2x4	PLC	3
	2x8	PLC	1
	outputs to the passive secondary boxes		12
Splice tray		12 splices	2
Cable entry			2
Overall dimensions (HxDxL)		mm	40 x 299 x 198
Weight ⁽¹⁾		kg	2,1
Operating temperature		°C	-25 / +70
Material			Steel
Colour			● RAL 9016 (traffic white)
REFERENCE		DESIGNATION	
IB1418		POL ECO PASSIVE PRIMARY BOX - 1 PLC 2V8 - RAL9016 HEMERA	

⁽¹⁾ Empty.



POL LIGHT ACTIVE SECONDARY BOX

OPTICAL DISTRIBUTION BOX

USE

The POL LIGHT active secondary box is designed to house and power four electro-optical converters (ONU/ONT).



Box set containing 4 electro-optical converters



POL LIGHT ACTIVE SECONDARY BOX



Wall mounting



Locking with a key



Overlength management



Stackable

DESCRIPTION

The POL LIGHT active secondary box is composed of:

- 1 iMOD-UNI module for optical connection to the electro-optical converters;
- 1 cable routing area leading to a POL light primary box;
- 1 area for mounting and powering the electro-optical converters ;
- 2 sheet metal protective covers.



POL Light Primary Box

POL light active secondary Box

DESIGNATION		UNIT	
Capacity	Connector RJ45 female		16
	ONU / ONT ⁽¹⁾		4
	modules	iMOD-UNI	1
Key lock			2
Overall Dimensions (HxDxW)		mm	542 x 150 x 450
Weight ⁽²⁾		kg	13
Operating temperatures		°C	-25 / +70
Colour			● RAL 7035 (grey)
REFERENCE		DESIGNATION	
IB1459		KIT-POL LIGHT ACTIVE SECONDARY BOX - 1PLC1v8 - 16 RJ45	
IB1720		KIT-POL LIGHT ACTIVE SECONDARY BOX - 1PLC1v8 - 20 RJ45	

⁽¹⁾ Compatible with the ONU NOKIA G-040-P-Q and the ONU NOKIA G-040-P-T. ⁽²⁾ Empty.

POL ECO ACTIVE SECONDARY BOX

OPTICAL DISTRIBUTION BOX

USE

The POL ECO active secondary box is designed to house and power up to four electro-optical converters (ONU/ONT).



POL ECO ACTIVE SECONDARY BOX



Coffret équipé de 4 convertisseurs électro-optiques



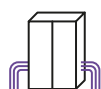
Wall mounting



Locking with a key



Light weight



Right and left cable entry



Perforated door providing protection and ventilation for equipment

DESCRIPTION

The POL ECO active secondary box is composed of:

- 1 optical area with a 4 connectors panel ;
- 1 area for housing and powering the electro-optical converters;
- 1 honeycomb protective cover providing protection and ventilation for the equipment ;
- 1 key-locked door.

DESIGNATION		UNIT	
Capacity	Connecteur RJ45 female		16
	ONU / ONT ⁽¹⁾		4
Key lock			1
Overall Dimensions (HxDxW)		mm	443 x 150 x 450
Weight ⁽²⁾		kg	8,0
Operating temperatures		°C	-25 / +70
Material			Acier
Colour			RAL 9016 (traffic white)
REFERENCE		DESIGNATION	
IB1485		KIT-POL ECO ACTIVE SECONDARY BOX - 4 RAC SCA RAL9016	

⁽¹⁾ Compatible with the ONU NOKIA G-040-P-Q and the ONU NOKIA G-040-P-T. ⁽²⁾ Empty.



POL LIGHT PASSIVE RAISED-FLOOR SECONDARY BOX

OPTICAL DISTRIBUTION BOX

USE

The passive secondary raised-floor box is located upstream of the optical termination points in the POL architecture. It enables optical cross-connections between offices (up to 8) and the GPON and P2P outputs.

This solution offers significant space savings whilst remaining easy to use, and can be installed in a raised floor (using the floor box kit) or mounted on a wall.

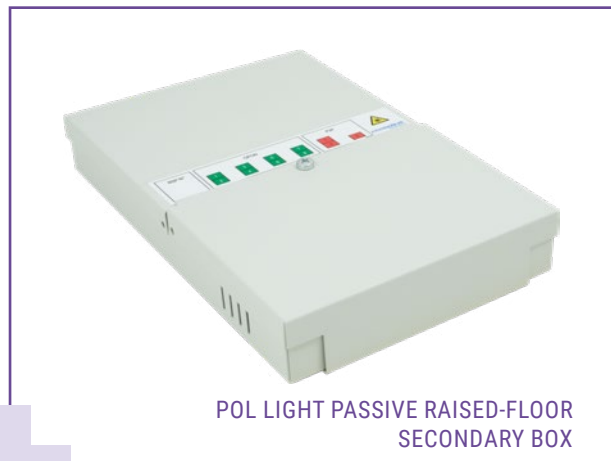


Connection point for pre-terminated cables coming from the offices

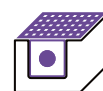
DESCRIPTION

The POL LIGHT passive raised-floor secondary box is composed of :

- 1 area for cable termination and GPON and P2P connections to the offices;
- 1 area for connecting pre-terminated cables from the offices;
- 1 1x8 PLC coupler;
- 2 sheet metal protective covers.



POL LIGHT PASSIVE RAISED-FLOOR
SECONDARY BOX



Underfloor
installation



Right and left
cable entry



Wall mounting



Multi-pin for
cables

Easy installation under a raised floor panel.
Can be wall-mounted.
Connection up to 8 office start.
Easier handling thanks to cable entries concentration.

DESIGNATION		UNIT	
Capacity	1x8	PLC	1
	office input		8
Input / output	GPON		1 input / 8 output
	P2P		3 inputs / 3 outputs
Overall Dimensions (HxDxW)		mm	50 x 310 x 198
Weight ⁽¹⁾		kg	2,15
Operating temperatures		°C	-25 / +70
Colour			● RAL 7035 (grey)

⁽¹⁾ Empty.

RANGE PRODUCTS

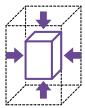
REFERENCE	DESIGNATION
IB1458	KIT-POL LIGHT PASSIVE SECONDARY PRECO RAISED FLOOR BOX - 2PLC1v
IB1460	KIT-POL LIGHT PASSIVE SECONDARY PRECO FX PL BOX - 2PLC1v4-14 RAC
IB1655	KIT-POL LIGHT PASSIVE SECONDARY PRECO RAISED FLOOR BOX - PLC1v8

POL ECO PASSIVE SECONDARY BOX

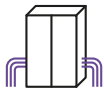
OPTICAL DISTRIBUTION BOX



POL ECO PASSIVE SECONDARY BOX
fitted with a protective cover



Compactness



Right and left
cable entry



Wall mounting



Multi-pin for
cables

Connection up to 16 office start.
Easier handling thanks to cable entries concentration.



POL ECO PASSIVE SECONDARY BOX 1 PLC 1x8

USE

The POL ECO passive secondary box is located upstream of the optical termination points in the POL architecture. It enables optical cross-connections between offices (up to 16) and the GPON outputs.

This solution offers significant space savings whilst remaining easy to use.



Connection point for pre-terminated cables coming from the offices

DESCRIPTION

The POL ECO passive secondary box is composed of:

- 1 area for cable management and GPON connections to offices with a splice tray;
- 1 patch panel;
- 1 connection area for pre-connectorised cables from the offices;
- 1 1x8 or 1x16 PLC coupler;
- 1 sheet metal protective cover.

DESIGNATION		UNIT	POL ECO PASSIVE SECONDARY BOX 1 PLC 1X8	POL ECO PASSIVE SECONDARY BOX 1 PLC 1X16
			REFERENCE IB1443	TBD
Capacity	1x8	PLC	1	2
	1x16		-	1
	office input		8	16
Splice tray		12 splices	1	
Cable input			2	
Overall Dimensions (HxDxW)		mm	40 x 299 x 198	
Weight ⁽¹⁾		kg	2,1	
Operating temperatures		°C	-25 / +70	
Material			Steel	
Colour			RAL 9016 (traffic white)	

⁽¹⁾ Empty.



PRE-WIRED POWER STRIP

ELECTRO-OPTICAL CONNECTION OF THE WORKSTATION

APPLICATION

The pre-wired power strip enables the optical ports and power supply for the terminals to be positioned as close as possible to the workstations.

CHARACTERISTICS

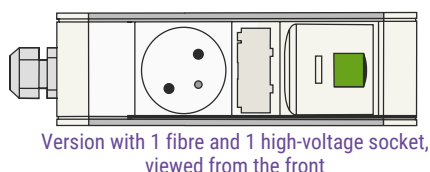
The pre-wired power strip is composed of:

- SC/APC faceplates with protective flaps;
- Two-phase high-voltage sockets with earth;
- Magnetic plate for easy attachment to metal furniture components;
- Aluminium box connected to two 3mm diameter steel-armoured simplex fibre optic cables with SC/APC – SC/APC connectors, and a 3G2.5 power cable with a white male ENSTO connector at the end;
- Cables protected by a split sheath and secured to the enclosure via a PG13.5mm cable gland.

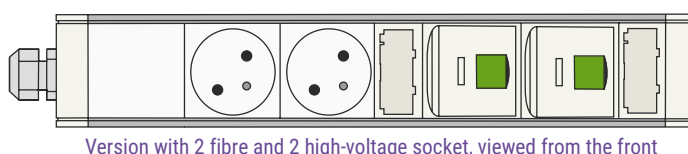


Pre-wired power strip - 3 OF

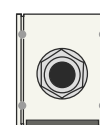
Magnetic feeder
Optical flap valve
Robust aluminium body



Version with 1 fibre and 1 high-voltage socket, viewed from the front



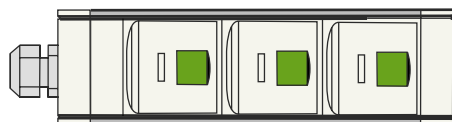
Version with 2 fibre and 2 high-voltage socket, viewed from the front



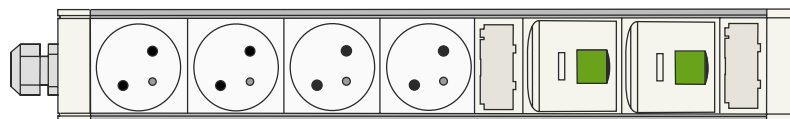
Left view



Right view



Version with 3 fibre and 3 high-voltage socket, viewed from the front



Version with 2 fibre and 4 high-voltage socket, viewed from the front

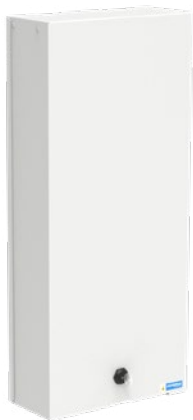
CHARACTERISTICS	UNIT	VALUES			
		1 (SC/APC)	2 (SC/APC)	2 (SC/APC)	3 (SC/APC)
Capacity	Fibre	1 (SC/APC)	2 (SC/APC)	2 (SC/APC)	3 (SC/APC)
	High-voltage	1 x 2P+T	2 x 2P+T	4 x 2P+T	
Cable input		1			
Max cable diameter	mm	12 - 18 (PG21)			
Dimensions (H x P x L)	mm	60 x 52 x 187.5	60 x 52 x 300	60 x 52 x 400	60 x 52 x 187.5
Material		Aluminium (box)			

RANGE PRODUCTS

REFERENCE	DESIGNATION
TBD	Frette 1 SC/APC + 1 high-voltage socket, length to be determined
	Frette 2 SC/APC + 2 high-voltage socket, length to be determined
	Frette 2 SC/APC + 4 high-voltage socket, length to be determined
IC1115-C15	Frette 3 SC/APC 15m length
IC1115-C30	Frette 3 SC/APC 30m length
IC1115-C40	Frette 3 SC/APC 40m length

WALL-MOUNTED SPLICE ENCLOSURE T1/T2/T3

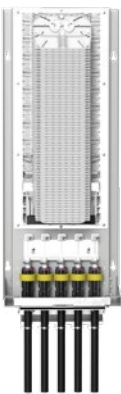
SPLICING BUILDING ENCLOSURE



T2 Wall-mounted splice enclosure

USE

The T1/T2/T3 wall-mounted splicing enclosures are designed for the splicing, management and storage of cables at building entrances. They have the possibility of being used as a transition between outdoor and indoor wiring. These enclosures allow for fast installation and are a space-saving solution. They feature a modular attachment system, with several cable entry configurations.



T3 Wall-mounted splice enclosure



Wall mounting



Locking with a key



Cable input from below



Independent fibre management



T1 Wall-mounted splice enclosure

DESCRIPTION

The wall-mounted splicing enclosure is composed of:

- 1 steel frame with RAL 7035 colour paint;
- 1 protective cover secured by a lock and key;
- 1 splicing zone for up to 60 single splice trays or 30 double splice trays;

Different cable entry configurations possible:

- 1 sealing system composed of a sheet of foam sandwiched between perforated plates;
- 1 plate with a cable grommet to guarantee leak tightness;
- 1 rigid brush.

DESIGNATION	UNIT	T1	T2	T3
Splice trays	single	36	48	60
	double	18	24	30
Max. splice capacity		jusqu'à 432	jusqu'à 576	jusqu'à 720
Height	mm	569.50	658	747
Dimensions (DxW)	mm	123 x 295		
Weight ⁽¹⁾	kg	9.0	10.5	11.5
Operating temperature	°C	-25 / +70		
Material		Steel		
Colour	RAL	● 7035 (grey)		

⁽¹⁾ Empty.



OPTICAL TERMINAL SOCKET BOX

PTO 45 X 45

APPLICATION

The optical terminal socket box 45x45 enables the connection of terminal equipment (microswitches, ONUs) in commercial premises.

It is compatible with 45x45 modular systems and can be easily integrated into standard boxes and enclosures. Fitted with SC Simplex or Duplex connectors, the socket is protected by a retractable cover that limits exposure of the ferrule and reduces the risk of damage.

The optical output is angled at 45° to minimise mechanical stress on the cable and ensure the installation remains secure over time.



Optical Terminal Socket Box 45x45

Compatible with **45x45 modular systems**.
SC connectors protected by a **retractable Simplex or Duplex cover**.
45° angled outlet to protect the cable.

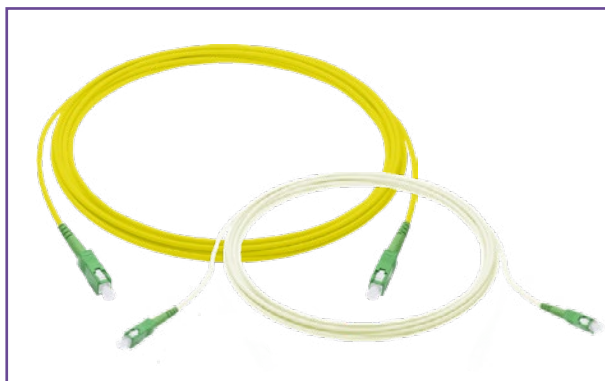
DESIGNATION	UNIT	VALUES
Dimensions	mm	45x45
Colour	RAL	9010 (pur white)
Impact resistance	IK	03
Protection class	IP	20
Operating temperatures	°C	10 - 60
Storage temperatures	°C	10 - 70
Fastening type	-	Snap-fit

RANGE PRODUCTS

REFERENCE	DESIGNATION
IB1472	Protective cover 45x45 White, Connectors SC / APC Simplex Green
IB1656	Protective cover 45x45 White, Connectors SC / UPC Duplex Magenta

CONNECTING PATCH CORDS

SINGLE-FIBRE REINFORCED AND ARMoured FOR POL ARCHITECTURE

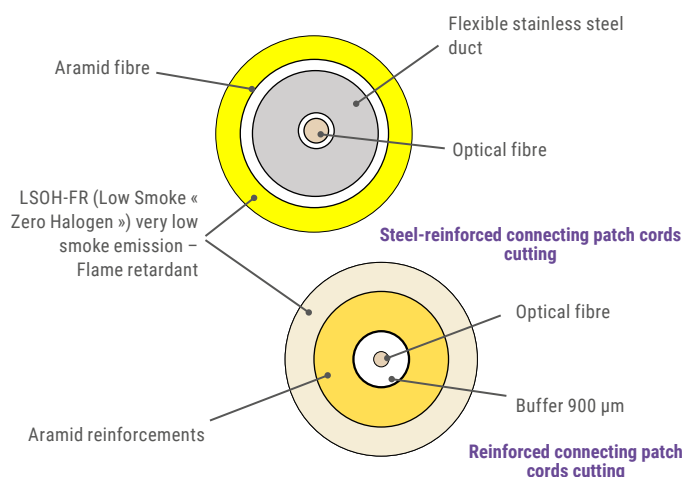


Reinforced and steel-reinforced connecting patch cords

Durability and high tensile strength.
Crush resistance.
Rodent-proof thanks to the steel reinforcement.

APPLICATION

Connecting patch cords enable the deployment of POL architectures. They are used on a "plug-and-play" basis, connecting directly to boxes fitted with connectors. They can be installed in cable trays either directly in a raised floor or in a suspended ceiling for steel-armoured patch cords.



CHARACTERISTICS	REINFORCED PATCH CORD	STEEL-REINFORCED CORD DCA	STEEL-REINFORCED CORD CCA
Cable diameter (mm)	3,0 +/- 0.2		
Buffer diameter (mm)	0,85 +/- 0.1		
Patch cords type	LSZH		
Patch cords colour	White	Yellow	White
Fibre nombre	1		
Fibre type	UIT-T G.657.A2		
Connector type	SC, FC or LC		
Integration loss (dB)	Typ. 0,2 max. 0,3		
Return loss (dB)	>50		
Operating temperatures (°C)	- 20 / + 70	- 40 / + 75	
Storage temperatures	- 20 / + 70	- 40 / + 80	
Tensile resistance (N)	100	200	
Crush resistance (N/100m)	500	3000	

RANGE PRODUCTS

Patch cords colour Fire resistance Connectivity	REINFORCED CORDS		STEEL-REINFORCED PATCH CORDS		
	Yellow		Yellow		White
			DCA		Cca
	1xG.657.A2 SC/APC - SC/APC	1xG.657.A2 LC/UPC - LC/UPC	1xG.657.A2 SC/APC - SC/APC	1xG.657.A2 SC/APC - Câble nu*	1xG.657.A2 SC/APC - SC/APC
5m	IC6036-C5	IC6007-C5	IC6021-C5	IC6079-C5	IC6081-C5
10m	IC6036-C10	IC6007-C10	IC6021-C10	IC6079-C10	IC6081-C10
15m		IC6007-C15	IC6021-C15	IC6079-C15	IC6081-C15
20m	IC6036-C20	IC6007-C20	IC6021-C20	IC6079-C20	IC6081-C20
25m		IC6007-C25	IC6021-C25	IC6079-C25	IC6081-C25
30m	IC6036-C30	IC6007-C30	IC6021-C30	IC6079-C30	IC6081-C30
35m		IC6007-C35	IC6021-C35	IC6079-C35	IC6081-C35
40m	IC6036-C40	IC6007-C40	IC6021-C40	IC6079-C40	IC6081-C40
45m		IC6007-C45	IC6021-C45	IC6079-C45	IC6081-C45
50m	IC6036-C50	IC6007-C50	IC6021-C50	IC6079-C50	IC6081-C50







ACTIVE EQUIPMENTS

Switches	P.156
Microswitches	P.157

SWITCHES

USE

19" switches are designed for deployment at the network core or consolidation points for FTTO or FTT-CP infrastructures.



19-inch switches

CHARACTERISTICS	UNIT	IB2134	IB2156	IB2159	IB2166
Ports number		2x40Gbps QSFP+ 4X10/25Gbps SFP28 20x10Gbps SFP+	4x10Gbps SFP+ 24x1Gbps SFP	4x10Gbps SFP+ 24x1Gbps RJ45 PoE+	4x10Gbps SFP+ 48x1Gbps SFP
Level		L3	L3	L3	L3
Performance		Time-shift mode (Store & Forward)			
Switching capacity	Gbps	760	154	154	211
MAC address		32K			
Trames Jumbo	Bytes	9216			
Height	U	1			
Overall Dimensions (HxPxL)	mm	44 x 330 x 440	44 x 420 x 442	44 x 320 x 442	44x 420 x 442
Operating temperatures	°C	0 / +50	0 / +45	-10 / +50	0 / +45
Storage temperatures	°C	-40/+70°			
Alimentation	VAC	100 ...240 VAC 50/60 Hz			
Power supply redundancy		2 power ports, 1 power supply included			

ADDITIONAL POWER SUPPLY MODULES	POWER	CORRESPONDING SWITCH
IB2170	90W	IB2134
IB2167	70W	IB2156
IB2160	370W	IB2159
IB2168	150W	IB2166

MICROSWITCHES



Microswitches

USE

FTTO (Fibre To The Office) micro-switches, combined with a HEMERA Building optical architecture, bring fibre-optic connectivity right to the workstation.

Four front-panel Gigabit RJ45 sockets enable user connections and Power over Ethernet (PoE) power supply to devices.

SFP/SFP+ or RJ45 ports (1, 2.5, 5 or 10 Gigabit, depending on the model) for uplink and cascading.

A DIN rail mounting kit is included with the ruggedised versions for installation in a box.

PoE+, PoE++ – no external power supply required for compatible devices
Built-in management agent accessible via a web browser and the NMP platform
Firmware and configurations can be stored on a MicroSD card
Compatible with all 45x90 mm sockets

GENERAL			VALUES	
Type	Switches Gigabit Ethernet de niveau 2+ conforme IEEE 802.3			
Performance	Store and forward, full wire speed, non blocking on all the ports			
MAC adress	8192 (16 000 10G version)			
Trames Jumbo	Maximum 10240 bits			
Dimensions (facade)	Lenght 90 mm x Height 45 mmx Total depth 58 mm (excluding connections)			
Colour	White (facade) Black (rugged versions)			
ELECTRICAL AND ENVIRONMENTAL			VALUES	
Entry tension	Models PoE : 44 à 57 V direct current (rated voltage : 54 V). Models non PoE : 195 à 265 V alternating current (rated 230 V) sous 50 à 60 Hz (rated 50 Hz)			
Performance	Models PoE+ Gigabit : Typical : 4 W (switching only), maximum 80 W with POE furnitures. Models PoE++ 10 Gigabit : Typical : 13W (switching only), maximum 135 W with POE furnitures. Models non PoE : Typical : 5,5 W			
MAC adress	0 / +40 °C (0 +35°C 10G version)			
PRODUCTS TYPE		POE+	REFERENCES	DESIGNATIONS
Giga G6+	Standard version	Without	IB2000-04VS07	Micro-switch, 4 ports RJ45 Gigabit Ethernet facade +1 port SFP et 1 port RJ45 , 230V, horizontal
		PoE+	IB2000-04VP11	Micro-switch, 4 ports RJ45 Gigabit Ethernet facade + 2 ports SFP, PoE+, horizontal
			IB2000-04VP12	Micro-switch, 4 ports RJ45 Gigabit Ethernet facade +1 port SFP et 1 port RJ45 , PoE+, horizontal
	Rugged version	Without	IB2000-04VS10	Rugged Micro-switch, 4 ports RJ45 Gigabit Ethernet facade + 2 ports SFP, 230V, horizontal
		PoE+	IB2000-04VP17	Rugged Micro-switch, 4 ports RJ45 Gigabit Ethernet facade + 2ports SFP PoE+, horizontal
			IB2000-04VP19	Rugged Micro-switch, 4 ports RJ45 Gigabit Ethernet facade + 2 ports RJ45, PoE+, horizontal
10 Giga G70	Standard version	PoE++	IB2000-04-XP02	Micro-switch 4 ports RJ45 Gigabit Ethernet PoE+ facade + 2 ports SFP+ 10G, + 2 ports Gigabit (1 PSE , 1 PD) , horizontal
Accessories	Electrical Alimentation		IB2088	Alimentation 54V / 70W for installation in a system duct 45x45
			IB2099	Alimentation 54V / 70W to be installed
			IB2100	Alimentation 54V / 150W for installation in a system duct 45x45
			IB2092	Alimentation 54V / 150W to be installed
	Storage device		IB2035	µSD 4 Gb card for micro-switch MICROSENS G6+, -25 à +85 °C using



STANDARDS AND COMPLIANCE

Transmission standards	P.160
Power Over Ethernet	P.161
Building products regulations.....	P.162
Service offer	P.163

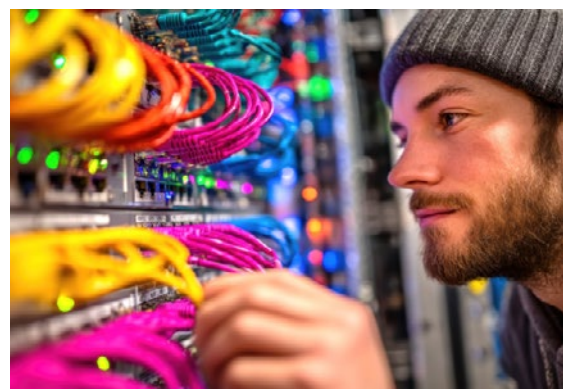
Transmission standards

Structured cabling systems, whether copper or fibre optic, must comply with international standards that guarantee their performance, safety and interoperability. The main standards are the ISO/IEC 11801, EN 50173 and TIA/EIA-568 series, which define cabling categories (Cat 5e, Cat 6, Cat 6A, etc.), performance classes, network topologies and testing requirements.



For copper, the standards specify maximum distances, connector types (RJ45) and tolerances for electromagnetic interference. For fibre optics, they set out the types of fibre (OM1 to OM5, OS1/OS2), connectors (LC, SC), bending radii and permissible losses.

Compliance with these standards is essential to ensure compatibility with active equipment, guarantee the long-term viability of installations and facilitate maintenance. Engineering that complies with these standards also enables organisations to meet the requirements for smart or sustainable building certifications.



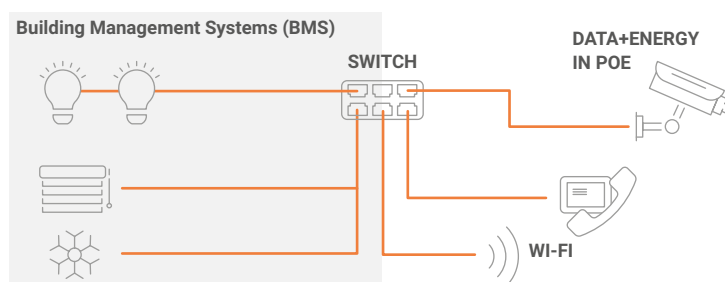
Power over Ethernet : on the way to 100W DC

Power over Ethernet (PoE) allows power of up to nearly 100W to be transmitted alongside data at speeds of up to 10 Gbps, enabling the connection of devices such as IP phones, cameras and more...

This technology has been mature and standardised under IEEE 802.3 since 2003 and ensures interoperability between devices. It simplifies installation by using a single cable.

New PoE applications

It is now possible to control a building's lighting via a monitoring platform. When combined with presence and light sensors, the lighting becomes smart and adapts to the user's needs.

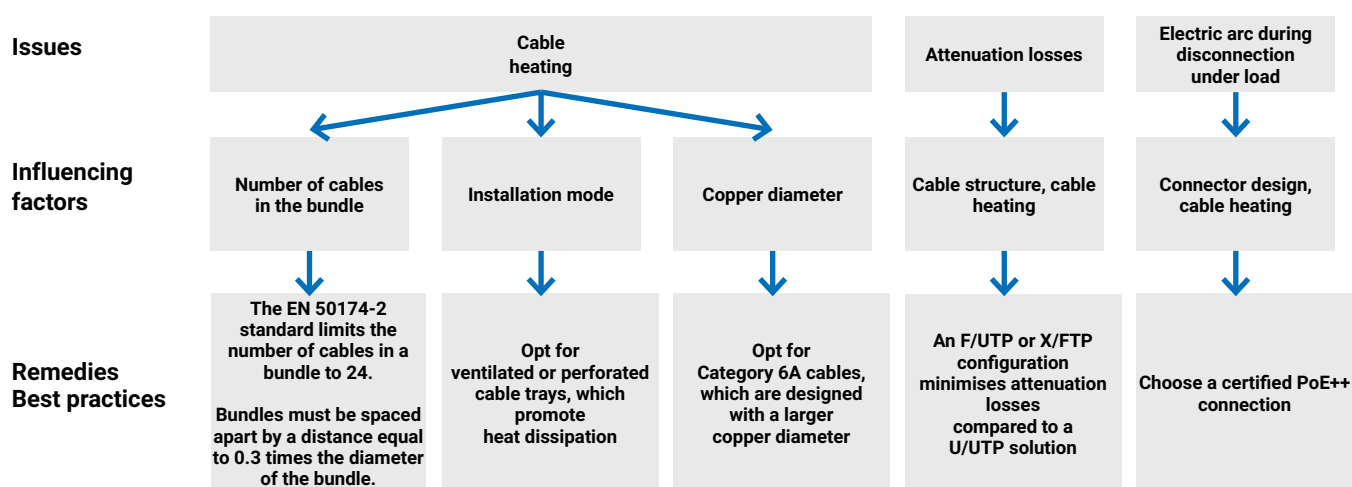


Download the Sycabel
white paper on PoE



Impact of the IEEE 802.3bt standard on cabling

As power output increases, the amount of heat to be dissipated will also rise significantly, raising new challenges that must be addressed through the selection of components (suitable cables and connectors) and installation conditions. ACOME has extensive expertise in this field and has developed a dedicated configurator.



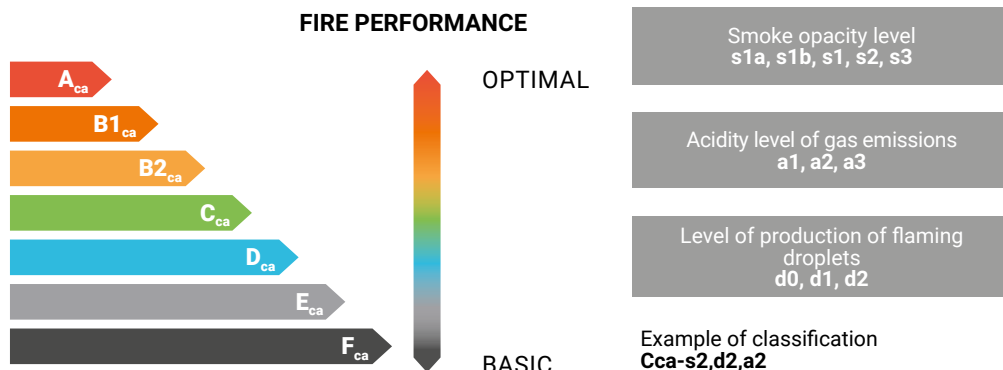
KEY POINTS

- Choose at least a Cat.6A R7291A F/UTP cable to ensure a long-term solution.
- For the most demanding applications, choose a 7A AWG 22 S/FTP cable.
- Contact your ACOME sales representative for personalised advice.

Building Products Regulations as applied to cables (BPR)

Of the seven classes defined by the RPC, **B2ca** is the highest class required in the building sector.

These levels are supplemented by three criteria: smoke opacity, droplet size and acidity.



Changes to standard NF C 15-100 regarding requirements for public buildings and high-rise buildings

The revision carried out in 2024 requires the use of Cca-s2,d2,a2 data cables to replace the former C2 classification for buildings open to the public (ERP) and high-rise buildings (IGH). This clarification was eagerly awaited; it now allows installations to be defined on the basis of the CPR, the harmonised European classification for reaction to fire, in place of the C1 and C2 classifications. For underground stations: cables must now have a minimum fire resistance rating of B2ca-s1a,d1,a1, replacing the former C1 classification.

These changes are designed to improve occupant safety by limiting the spread of fire and the release of opaque and toxic smoke. These measures apply to projects for which an application for planning permission is submitted after 23 May 2025.

**Need advice on choosing the right Euroclass for your project?
Scan the QR code and let us guide you!**



The CPR imposes new regulatory requirements for the placing of products on the market. Cables must be accompanied by a Declaration of Performance (DoP) and bear the CE marking. Stakeholders (distributors, installers) are required to pass this information on to the end customer.

The CE marking

The CE marking consists of the CE symbol accompanied by various details regarding the manufacturer and the product. This information is displayed on the packaging label (see example below). The Euroclass fire rating is also shown on the cable marking.

The Declaration of Performance

The DdP is a document in which the manufacturer clearly identifies a product and its performance (in relation to the RPC) and assumes responsibility for it.

The DdP for ACOME products is available on the website :
www.acome.com/en/dop



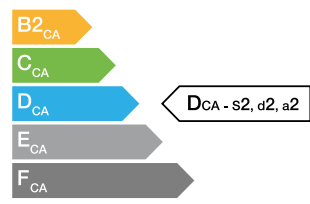
Organisme notifié : 2659

DoP : N° 16FUTP004
Déclaration de performance :
<http://www.acome.com>

16
EN 50575 : 2014 + A1 : 2016
Câble pour applications générales dans les ouvrages de construction soumis aux exigences de réaction au feu

Code d'identification unique :
16FUTP004

Réaction au feu



Service offer

Terms and Conditions

Minimum order: 350 €.

Free delivery on orders over €1,000; orders between €350 and €1,000 incur a delivery charge of €100.

Cut charges : 40 € per cut

Delivery charges for tail-lift lorries: 15 € by delivery

Delivery to construction sites in mainland France: postage to be quoted

Request a quote: commerce@acome.fr



Environment

Production compliance

R.E.A.C.H. and ROHS.

Product Environmental Profile

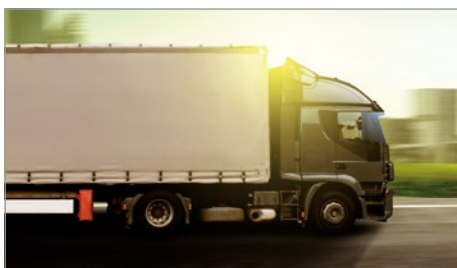
available on some models.

Quality

Systematic inspection of all copper and fibre-optic cables.

Sales records are kept on file for 10 years and available on request.

Customer acceptance at the factory subject to certain conditions.



Delivery

STANDARD delivery time for items in stock:

48 to 72 hours, depending on the region.

THE +

✓ **Product availability over 10,000 items in stock.**

✓ **Expertise from specialists.**

✓ **An efficient and responsive sales and logistics team.**

✓ **Design offices specialising in copper and optical products and systems.**

✓ **Standard packaging tailored to market needs.**

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P120	1229401	-	Wall-mounted frame iBER-604.6-ECO-H (HxDxW) 358x400x600, 6U RAL 9005
P120	1229402	-	Wall-mounted frame iBER-604.9-ECO-H (HxDxW) 491x400x600, 9U RAL 9005
P120	1224101	-	Wall-mounted frame iBER-604.9-ECO-H (HxDxW) 491x400x600, 9U RAL 9005
P120	1224102	-	Wall-mounted frame iBER-606.9-ECO-H (HxDxW) 491x600x600, 9U RAL 9005
FRAME ACCESSORIES			
P121	12231	IB1718	19" Cable gland panel 1U - 4 rings - steel
P121	12263	-	19" Cable gland panel 1U - 5 rings - pastic
P121	12259	-	Set of 4 vertical cable gland rings for an 80mm wide frame (dimensions 80 x 80 or 100 x 100 mm)
P121	1264	IB1717	19" panel - 1U cable gland with brush
P121	1275	IC6042	Cover plate 1U
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P121	1069	-	Adjustable tray
P121	1293	-	2 m vertical grounding kit for iBER-42U
P121	1212203	-	Distribution frame seat iBER-603
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P122	12249	-	Simple reversible horizontal management subrack 19" 2U height black colour
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P123	12208	IC5985	Simple reversible horizontal management subrack 19" / ETSI 3U height
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P126	12291001	-	Optic-Run 300 - Trunking 300 x 100 mm (length 2 m)
P126	1290002	-	Optic-Run 160 - Cross 160 x 100 mm
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P126	12290006	-	Optic-Run 160 - 45° angle 160 x 100 mm
P126	12291004	-	Optic-Run 300 - 45° angle 300 x 100 mm
P126	12290005	-	Optic-Run 160 - 90° angle 160 x 100 mm
P126	12291005	-	Optic-Run 300 - 90° angle 300 x 100 mm
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P126	12291006	-	Optic-Run 300 - 45° angle 300 x 100 mm

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P126	12291007	-	Optic-Run 300 - 90° angle 300 x 100 mm
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P126	12291008	-	Optic-Run 300 - 45° angle 300 x 100 mm
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P127	12292001	-	Optic-Run 100 Curved outlet 100 x 100 mm
P127	12290011	-	Optic-Run 160 Curved outlet 160 x 100 mm
P127	12291011	-	Optic-Run 300 Curved outlet 300 x 100 mm
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P127	12292006	-	Optic-Run 100 Connector 100 x 100 mm
P127	12290013	-	Optic-Run 160 Connector 160 x 100 mm
P127	12292007	-	Optic-Run 220 Connector 220 x 100 mm
P127	12291013	-	Optic-Run 300 Connector 300 x 100 mm
P127	12290014	-	Optic-Run 160 side mounting bracket for Optic-Run Trunking 160 x 100 mm ⁽¹⁾
P127	12291014	-	Optic-Run 300 side mounting bracket for Optic-Run Trunking 300 x 100 mm ⁽¹⁾
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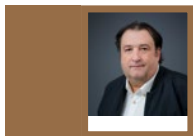


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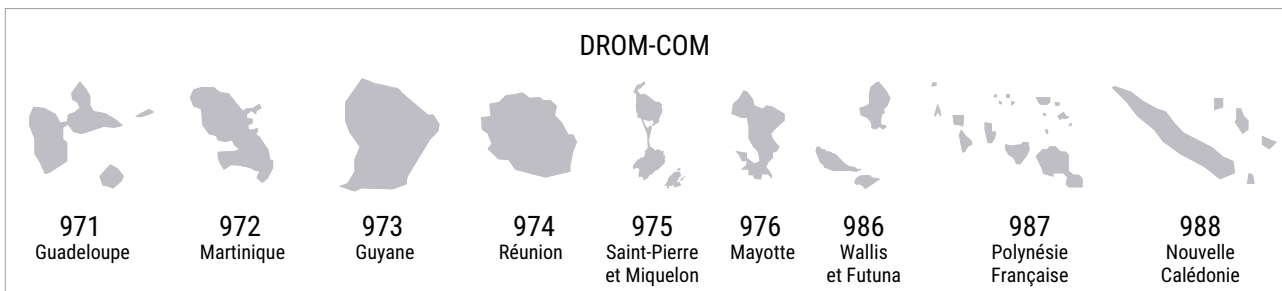
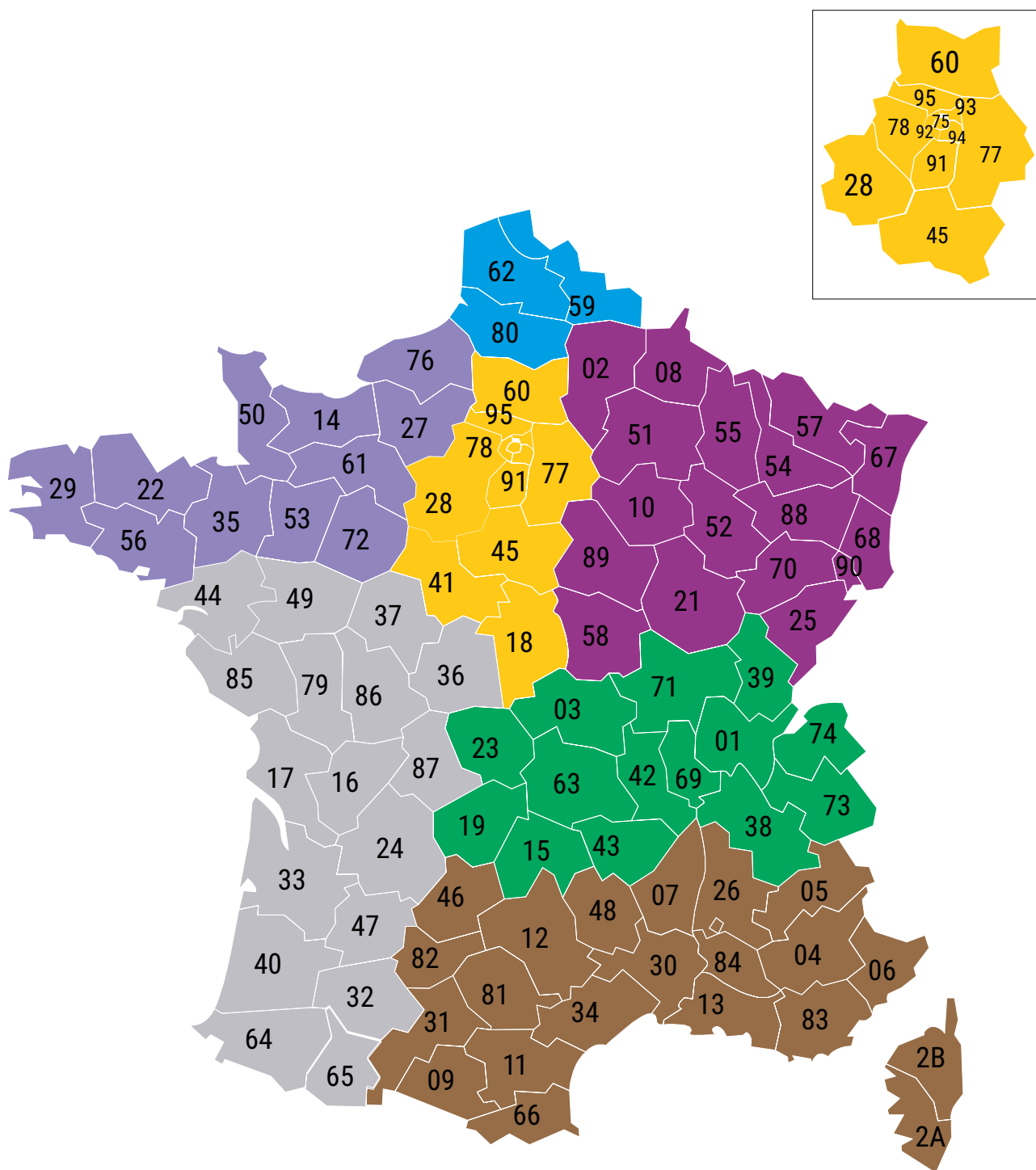


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