



UNX1835

Optical Fibre Cable for Installation in Data Centres Indoor/ Outdoor - Dielectric - LSOH

From 2 to 24 fibres.



Applications

ACOPTIC® is the brand name for ACOME Groups optical fibre cable solutions for telecom networks.

The UNX1835 patch cable has been designed to meet the cabling needs of **data centres**.

Compact, highly resistant to tensile strength, crush, heat and UV lighting rays, it is suitable for installation in data centres where the environment can be challenging .

Benefits

- Its fire-retardant, multi-purpose LSOH sheath is **suitable for outdoor installations** (water-repellent, UV-resistant).
- **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).

Standards

IEC/EN 60793 (fibre)
IEC/ EN 60794-6-10 (cable)

Fire Performance

Euroclasse Cca s1a,d1,a1 [DOP n°18UND0004](#)

Storage, packaging & installation

Cable protection on the drum

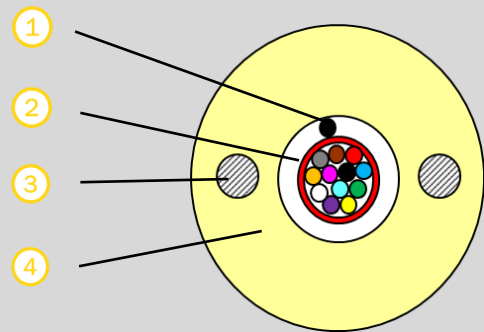
Cables are delivered with a covering for protection until they are required for installation.

Guidelines access

Guidelines for storage, transportation & cable installation can be found in our [ACOPTIC® guide](#)



Design



- 1 **Watertightness:** Dry water blocking elements
- 2 **Compact-Tube®:** 6 or 12 optical fibres with an easy access strippable sheath
- 3 **Strength members :** 2 peripheral FRP embedded in the sheath
- 4 **Outer sheath:** LSOH-FR⁽⁴⁾, ivory colour , UV stabilized

Example: 12 f- 12f per tube

⁽⁴⁾ Low Smoke, Zero Halogen, Fire Retardant



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UNX1835 Technical Information

Fibres per Tubes	Fibre Count	Nominal Diameter (mm)	Maximum Tensile Strength ⁽¹⁾ (N)	Crush Resistance (N/cm)	Minimum Bending Radius (mm)	Nominal Weight (kg/km)	Part Number G.652.D	Carbon Footprint ⁽²⁾ in (kgCO ₂ eq/km cable)
2	2 f	6.0	600	200	60	44	N7482B	tbc
4	4 f	6.0	600	200	60	44	N7483B	tbc
6	6 f	6.0	600	200	60	44	N7484B	tbc
8	8 f	6.0	600	200	60	44	N9377A	tbc
12	12 f	6.0	600	200	60	45	N7485B	147
12	24 f	8.6	600	125	60	69	N9381A	tbc

(1) MAT at 0,3% fibre elongation

(2) according to PEP (Product Environmental Profile) methodology (PCR/PSR ed.3)

Temperatures Performance	Transport & storage	-40 °C/+70 °C
	Installation	-5 °C/+50 °C
	Operation	-30 °C/+70 °C
Marking	Year & week of production – ACOME– number and type of fibres– P/N – metrics	
Standard Delivery Drum Length	4000 m	

Colour code

N° fibre/module	1	2	3	4	5	6	7	8	9	10	11	12
Standard ACOME*	Red	Blue	Green	Yellow	Purple	White	Orange	Grey	Brown	Black	Turquoise	Pink

For other requirements (delivery length, colour code, additional technical information, carbon footprint etc.), please contact us.

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