



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

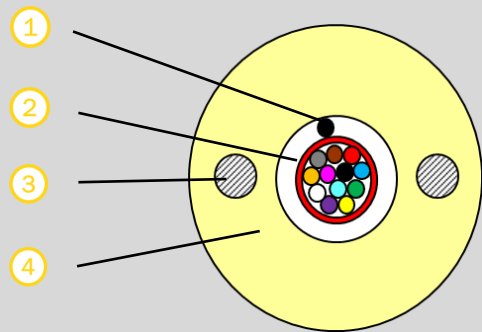
Cables are delivered with a covering for protection until they are required for installation.

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 Features

| 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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