



COR1861

Pushable Optical Fibre Drop Cable for Subscriber Connection Indoor - LSOH - Dielectric

From 1 to 4 fibres



Applications

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

The COR range belongs to our solutions for **connecting FTTH subscribers to the Network**.

Protected by LSOH sheath, they have excellent mechanical properties in terms of crush resistance and tensile strength.

The COR1861 cables are used to connect the optical terminal to the communications box. These cables are lightweight and have optimised size.

This cable is particularly suitable for **duct installation by pushing**

Benefits

- **Low friction sheath** to ease sliding into the duct
- Its small size (2x3mm) and stiffness make it **perfect for congested ducts**.
- **Save time** by avoiding the use of a draw-in needle.

Standards

IEC/EN 60793 (fibre)
IEC/EN 60794-2-20 / 21 (cable)

Fire performance

Euroclasse Eca

[DOP n° 17COR0003](#), [DOP n° 17COR0002](#), [DOP n° 17COR0001](#)

Storage, Packaging & Installation

Cable protection on the drum

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

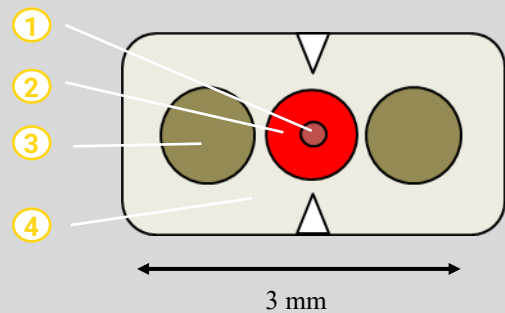
Guidelines access

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



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Design



- ① **Optical fibre:** 250 µm G.657.A2
- ② **Tube:**
 - 1 F: semi tight buffered 900 µm
 - 2 F: strippable sheath 600µm
 - 4 F: strippable sheath 800µm
- ③ **Strength members:** 2 glass FRP, dielectric
- ④ **Outer sheath:** LSOH-FR⁽⁴⁾, ivory colour.

Example: 1 F - Module Fibre Count 1

⁽⁴⁾ Low Smoke, 0 Halogen, Fire retardant



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COR1861 Technical Information

Module Fibre Count	Cable Fibre Count	Size (mm)	Maximum Tensile Strength ⁽¹⁾ (N)	Crush Resistance (N/cm)	Minimum Bending Radius (mm)	Nominal Weight (kg/km)	Part Number with G.657.A2	Carbon Footprint ⁽²⁾ in (kgCO ₂ eq/km cable)
1	1 f	2x3	150	100	20	8	H0014B	29
2	2 f	2x3	150	100	20	8	H0016B	32
4	4 f	2x3	150	100	20	8	H0015B	38

(1) MAT at 0.5% fibre elongation / 0.6% cable elongation
(2) according to PEP (Product Environmental Profile) methodology (PCR/PSR ed.3)

Temperature Performance	Transport & Storage	-40 °C/+70 °C
	Installation	-5 °C/+50 °C
	Operation	-5 °C/+60 °C
Marking	ACOME Day Month Year of production - Number and type of fibres - P/N - metrics	
Standard Delivery Drum Length	8300 m	

Colour code

Fibre Number	1	2	3	4
Standard ACOME	Red	Blue	Green	Yellow

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

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