

COR1823



Optical Fibre Drop Cable for Subscriber Connection

Indoor / Outdoor - 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 1823 range groups together subscriber drop cables to connect the subscriber's home to the optical connection point (whether indoors or outdoors).

The COR1823 range, with its small diameter and light weight, is perfectly suited to cabling to connect subscribers :

- through partitions & slabs
- in congested ducts.

They are also perfectly waterproof, and thanks to the UV-resistant properties of their sheathing, they can be installed outdoors, into ducts or on facades.

They can be fixed to walls by gluing or stapling.

Benefits

- Indoor / outdoor cable
- Discreet design : compact diameter (4mm) & color of the sheath (ivory)
- UV resistant sheath & Waterproof design for outdoor
- Excellent crush resistance and tensile strength
- Fire protection sheath LSOH-FR⁽⁴⁾,

Standards

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

Fire Performance

Euroclasse Dca-s2,d2,a2
[DOP n°17COR0009](#), [DOP n°17COR0008](#), [DOP n°17COR0013](#)

Storage, Packaging & Installation

Cable protection on the drum

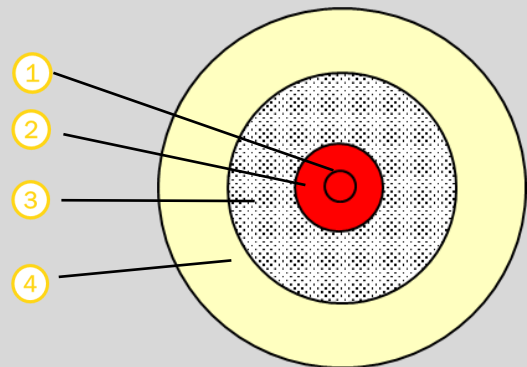
Cables are delivered with a covering for protection until they are required for installation.

Guidelines access

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



Design



- 1 Optical fibre: 250 µm G.657.A2
- 2 Tube:
1 & 2 F: semi tight buffered 900 µm
4 F: easy access strippable sheath 800µm (Compact-Tube®)
- 3 Aramid yarn + dry water blocking elements
- 4 Outer sheath: LSOH-FR⁽⁴⁾, ivory colour , UV stabilized

Example 1F

⁽⁴⁾ Low Smoke, Zero Halogen, Fire Retardant

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COR1823 Technical Information								
Fibres per Tube	Cable Fibre Count	Nominal Diameter (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	4.0	400	200	20	13	N7857B	43
	2 f	4.1	400	200	20	15	N8123A	52
4	4 f	3.9	400	200	20	15	N9117A	58

(1) MAT at 0.5% fibre elongation / 0.6% cable elongation

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

Temperature Performance	Transport & storage	-40 °C/+70 °C
	Installation	-5 °C/+50 °C
	Operation	-30 °C/+70 °C
Marking	Day/ Month/ Year of production - ACOME - Number and type of fibres - P/N - metrics	
Delivery Drum Lengths	8300m Drum or 250m Ring	

Colour code

Fibre / Tube	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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