



COR1833

Optical Fibre Drop Cable for Subscriber Connection

Indoor / Outdoor - LSOH - Cca - Dielectric

From 1 to 4 fibres



Applications

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

The COR1833 range groups together subscriber drop cables to connect the subscriber's home to the optical connection point (whether indoors or outdoors).

The COR1833 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 (white)
- UV resistant sheath & Waterproof design for outdoor
- Fire protection sheath LSOH-FR⁽⁴⁾,
- Designed for an easy handling and to be installed quickly

Standards

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

Fire Performance

Euroclasse Cca-s1a,d1,a1
[DOP n° 25COR0003](#) (1f), [DOP n° 25COR0005](#) (2 & 4f)

Storage, Packaging & Installation

Cable protection on the drum

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

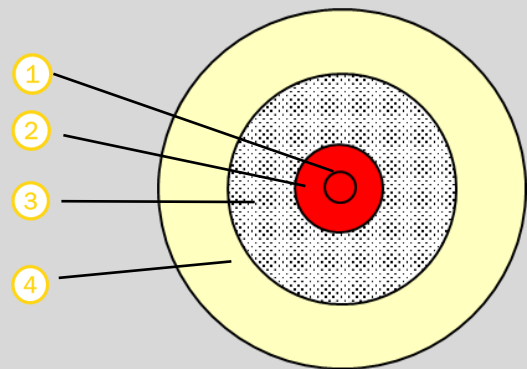
Guidelines access

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



08/12/2025

Design



① **Optical fibre:** 250µm G.657.A2

② **Tube:**

1f (1f/tube): semi tight buffered 900µm
2f (1f/tube): semi tight buffered 900µm
2f (2f/tube): easy access strippable sheath 600µm
4f (4f/tube): easy access strippable sheath 800µm

③ **Aramid yarn + dry water blocking elements**

④ **Outer sheath:** LSOH-FR⁽⁴⁾, white , UV stabilized

Example: 1f (1f/tube)

⁽⁴⁾ Low Smoke, Zero Halogen, Fire Retardant

COR1833



COR1833 Technical Information											
Fibre Count	Fibres per Tube	Nb of Tubes	Nominal Cable Ø in mm	Maximum Tensile Strength ⁽¹⁾ (N)	Crush Resistance N/cm	Minimum Bending Radius (mm)	Nominal Weight (kg/km)	EuroClass	Type of tube	Part Number with G.657.A2	Carbon Footprint ⁽²⁾ in (kgCO ₂ eq/km cable)
1f	1	1	4.0	220	150	20	12.4	Cca	Semi tight buffered 900µm	H0899A	41
2f	1	2	4.0	220	150	20	13.2	Cca	Semi tight buffered 900µm	H0984A	45
2f	2	1	4.0	220	150	20	12.0	Cca	easy access strippable sheath 600µm	H0900A	42
4f	4	1	4.0	220	150	20	12.2	Cca	easy access strippable sheath 800µm	H0901A	48

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

(2) according to PEP (Product Environmental Profile) assessment methodology (PCR/PSR ed.4)

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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