

CCD1481



Optical Fibre Cable for Installation by Pulling - Steel Armoured Indoor / Outdoor - LSOH

From 12 to 288 fibres



Applications

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

This cable is recommended for **connecting outdoor and indoor networks**, thanks to its **LSOH flame-retardant sheath** made from low-smoke, halogen-free material.

They benefit from excellent mechanical protection: a **corrugated steel armor** placed between two thermoplastic sheaths provides **excellent resistance to impact and crushing**, as well as **perfect protection against rodents**.

Benefits

- **Steel armor: high rodent protection**
- **LSOH flame-retardant sheath**
- **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 kinks on Compact-Tube® optical elements (end or mid-span).

Standards

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

Fire Performance

Euroclasse Eca [DOP n°17CCU0001](#)

Storage, Packaging & Installation

Cable protection on the drum

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

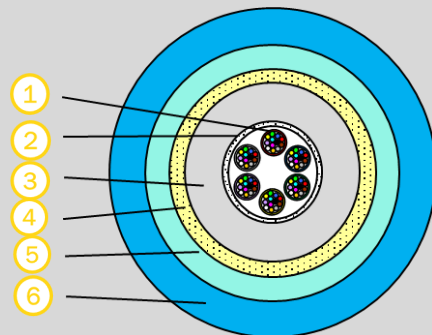
Guidelines access

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

Cable implementation sheet available under [APC CC](#)



Design



- 1 **Compact Tube:** 12 optical fibres with an easy access strippable sheath
- 2 **Watertightness:** water-swelling elements
- 3 **Central Unit :** Thermoplastic tube
- 4 **Reinforced elements:** glass yarns
- 5 **Armor :** corrugated steel
- 6 **Outer sheath:** LSOH-FR⁽¹⁾, UV stabilized, blue

⁽¹⁾ Low Smoke, Zero Halogen, Fire Retardant

Example : 72 f—12 fibres per tube

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CCD1481 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.652.D	Carbon Footprint ⁽²⁾ in (kgCO ₂ eq/km cable)
12	12	12,5	1800	400	180	176	N5248A	693
	24	12,5	1800	400	180	177	N5249A	721
	36	12,5	1800	400	180	178	N5250A	743
	48	13,6	2100	400	200	199	N5251A	895
	72	13,6	2100	400	200	203	N5252A	960
	96	14,8	2100	400	225	250	N5890A	-
	144	14,8	2100	400	225	259	N5253A	1327
	288	17,5	3200	450	275	339	N6510A	1951

(1) MAT at 0,3% fibre elongation / 0,5% cable elongation

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

Temperature Performance	Transport & storage	-40 °C/+60 °C
	Installation	-5 °C/+50 °C
	Operation	-40 °C/+60 °C
Marking	Day/ Month/ Year of production - ACOME - Number and type of fibres - P/N - metrics	
Standard Delivery Drum Length	4000m Drum	

Colour code

Fibre / Tube	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
Tube	13	14	15	16	17	18	19	20	21	22	23	24
	Red +1 ring	Blue +1 ring	Green +1 ring	Yellow +1 ring	Purple+1 ring	White +1 ring	Orange+1 ring	Grey +1 ring	Brown +1 ring	Pale green +1 ring	Turquoise +1 ring	Pink +1 ring

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



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