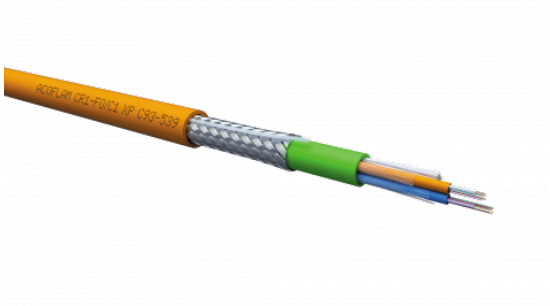


ACOFLAM® ARMOURED CR1-FO/C1
ACOLAN OPTIC

LOOSE - IN/OUT- 4 to 24 FO - OM3, OM4, OS2 - Armoured Steel
ORANGE

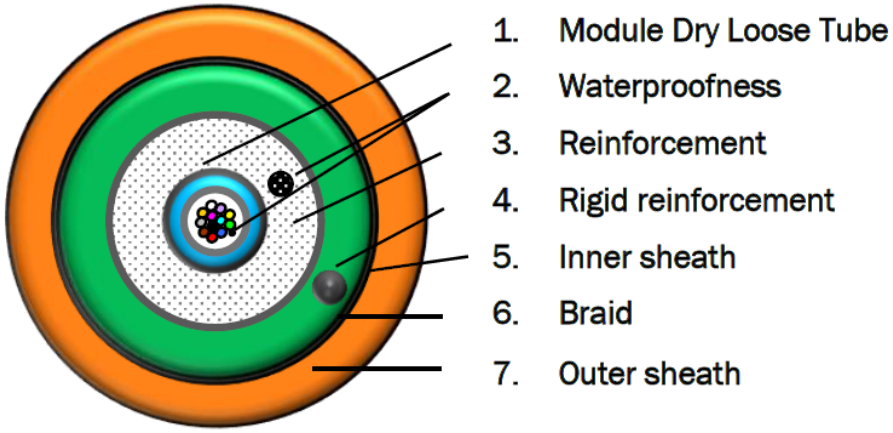
BENEFITS

- Protection against rodents
- Flexible cable thanks to its steel wire braiding armour
- Fire resistance during 120 min (PH120)
- Compliant to XP C 93-539 standard

APPLICATIONS

These cables are designed in a UV resistant and halogen-free sheathing and are intented to use for fire safety applications. They are fire resistant up to 920 °C and can be installed inside the buildings and outside in ducts or in trench.

GENERAL CHARACTERISTICS



1- 4 to 12 optical fibers (color code FOTAG)
2 - Water swellable yarn – Radial and longitudinal sealing
3 - Reinforced protection based on anti-rodent fiberglass
4 - FRP
5 - LSOH-FR sheath, halogen-free and flame retardant
6 - Galvanised steel wire 0,2 mm
7 - LSOH-FR Orange sheath. Compliant to EN 50290-2-27, UV stabilised, halogen free and flame retardant.

GENERAL

Characteristics		Value	
		4 to 12FO	24FO
Temperature range	Transport and storage	- 40°C to + 70°C	
	At the installation	-5°C to + 50°C	
	In service	-20°C to + 60°C	
Maximum pulling force (N)		3000	
Crush resistance (N/10 cm)		2000	
Minimum bending radius (mm)		20 x D	
Standard packaging		2100m drum	
Nominal sheath thickness (mm)		0,9	
Diameter dry Loose Tube (mm)		2,5	2 x 2,5
Diameter inner sheath (mm)		8,3	9,2
Diameter outer sheath (mm)		13,3	14,1
Weight (kg/km)		230	255

Wrapping: Cables are supplied with a protective wrap which must be maintained until full use of the product.

COLOR CODE

Blue | Orange | Green | Brown | Grey | White | Red | Black | Yellow | Violet | Pink | Turquoise

RANGE

Cable content	Multimode 50/125 OM3	Multimode 50/125 OM4	Single mode 9/125* OS2
4 fibers	B1363A	B1368A	B1373A
6 fibers	B1364A	B1369A	B1374A
8 fibers	B1365A	B1370A	B1375A
12 fibers	B1366A	B1371A	B1376A
24 fibers	B1367A	B1372A	B1377A

(*) 9/125 : G652D fibers

NORMS AND STANDARDS

GENERALE

Fibres	EN 60793
Cable	EN 60794-1-1 ; EN 60794-1-2
Wiring systems	EN 50173-1 ; ISO 11801

Fire behaviour

Test	Standards
Fire resistance	NF C 32-070 – CR1
Fire resistance	NF EN 50200 - PH120
Fire retardant	NF C 32-070 – C1
Flame retardant	NF C 32-070 – C2

Test reports LCIE n°13216700-774780 and n°14811874-778475