



Construction

Optical core	Gel-filled Loose Tube
Strength members	Dielectric armour: Fiberglass WB reinforcements (Waterblocking)
Outer sheath	Halogen free thermoplastic compound UV resistant Standard colour: Black

Technical characteristics

Outer diameter	5.8mm
Weight	40 Kg/Km
Max. Tensile Load	Permanent: 750 N During installation and handling: 2000 N
Max. Crush	2000 N /100mm
Torsion	5 cycles
Operating T^a (conductor)	Operation: -30°C + 60°C During storage and installation: -30°C + 40°C
Min. bending radius	Permanent: 58 mm During installation: 116mm

Application

Universal fiber optic cable, suitable for indoor / outdoor installations. For LAN applications and especially recommended when a low halogen emission is necessary. The internal coating of fiberglass threads gives the cable some resistance against the action of rodents.

* CPR:

Cable suitable for installation under the requirements of the CPR (Construction Product Regulation (EU) N ° 305/2011) in accordance with the classification (Euroclass) specified in this document.

Standards

Ref. for construction/drawing	ISO 11801, EN 50173-1, IEC 60794-1
CPR Classification (Euroclass)	Eca (According to standard UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Halogen free	UNE-EN 60754-1 (IEC 60754-1)
Low corrosivity	UNE-EN 60754-2 (IEC 60754-2) (pH >= 4,3 ; conductivity <= 10µS/mm)
Low smoke emission	UNE-EN 61034 (IEC 61034)



Constructive Data

Code	Comp.	Fiber Type
14420593	4FM50	OM2 50/125
14420682	6FM50	OM2 50/125
14420671	8FM50	OM2 50/125
14420707	12FM50	OM2 50/125
14420555	24FM50	OM2 50/125
14420946	4FM50 OM3	OM3 50/125
14420990	6FM50 OM3	OM3 50/125
14421227	8FM50 OM3	OM3 50/125
14420870	12FM50 OM3	OM3 50/125
14421229	24FM50 OM3	OM3 50/125
14421082	4FM10	OS2 SM G652.D
14421143	6FM10	OS2 SM G652.D
14420710	8FM10	OS2 SM G652.D
14420907	12FM10	OS2 SM G652.D
14420317	16FM10	OS2 SM G652.D
14420857	24FM10	OS2 SM G652.D
14420323	4FM62	OM1 62.5/125
14420324	6FM62	OM1 62.5/125
14420325	8FM62	OM1 62.5/125
14420326	12FM62	OM1 62.5/125
14420862	16FM62	OM1 62.5/125
14420892	24FM62	OM1 62.5/125
14421622	4FM50 OM4	OM4 50/125
14422096	6FM50 OM4	OM4 50/125
14421767	8FM50 OM4	OM4 50/125
14421817	12FM50 OM4	OM4 50/125
14421818	24FM50 OM4	OM4 50/125

Legend

Code	Cervi codification
Comp.	Composition
Fiber Type	Fibre

COLOURS

Fibre	Colour	Fibre	Colour
1	Red	13	Red w/mark
2	Green	14	Green w/mark
3	Blue	15	Blue w/mark
4	Yellow	16	Yellow w/mark

Fibre	Colour	Fibre	Colour
5	White	17	White w/mark
6	Grey	18	Grey w/mark
7	Brown	19	Brown w/mark
8	Violet	20	Violet w/mark
9	Turquoise	21	Turquoise w/mark
10	Black	22	White w/mark
11	Orange	23	Orange w/mark
12	Pink	24	Pink w/mark