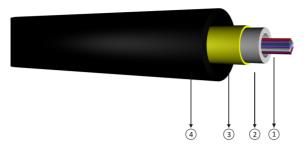
INDOOR CABLES | Single Loose Tube, Single Sheath, **Non-metallic Armoured**





1 Fiber

3 Aramid/Glass Yarn

2 Loose Tube

4 Outer Sheath

Loose Tube Colors

Natural

Fiber Colors

Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Turquoise and Black ringed colors.

Inner Sheath: N/A

Armour : Dielectric Armour

Outer Sheath: Black HFFR, Thickness nominal 1.5 ± 0.1 mm.

Applications

Used in cable channels or cable trays in communication networks within the building.

Construction

Painted fibers are placed in the central Loose tube. Then adequate aramid / glass yarns are used as a shield.

They are covered with HFFR material. It has a water blocking feature.

TECHNICAL PROPERTIES			
Number Of Fiber	Loose Tube Outer/Inner Diameter (mm)*	Cable Diameter *	Cable Weight (Kg/km) *
4	3,0/2,0	9,0	85
6	3,0/2,0	9,0	85
8	3,0/2,0	9,0	85
12	3,0/2,0	9,0	85
16	3,0/2,0	9,0	85
24	3,0/2,0	9,0	85

MECHANICAL AND ENVIRONMENTAL PROPERTIES			
Physical Tests	Conditions	Standard	
Tensile Strength	1900 N Tensile Strength (Installation) 1000 N Tensile Strength (Operation)	IEC 60794-1-21-E1	
Impact Resistance	10J, 3 impacts	IEC 60794-1-21-E4	
Crush Resistance	2000 N / 10cm	IEC 60794-1-21-E3	
Bend Radius (During Installation)	30x Cable Diameter	IEC 60794-1-21-E11	
Bend Radius (During Service)	15x Cable Diameter	IEC 60794-1-21-E11	
Operation Storage and Transportation	-40 to +70 ° C	IEC 60794-1-22-F1	
Installation Temperature	-5 to +60 ° C	N/A	
Water Penetration Test	24 hours 3m length	IEC 60794-1-22 F5	
Fire Test**	IEC 60332-1-2 IEC 60754-2 IEC 61034-2	IEC 60332-1-2 IEC 60754-2 IEC 61034-2	

^{* :} Tolerance ±10%.

^{** :} These test case apply to HFFR sheated cables.