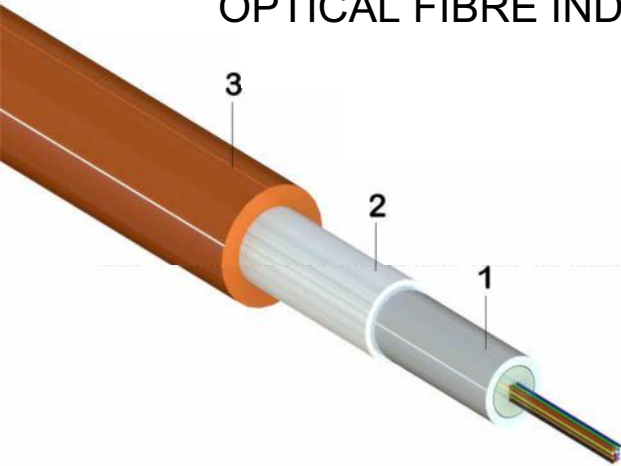


OPTICAL FIBRE INDOOR\OUTDOOR NON METALLIC CABLE



1. Gel filled PBT loose tube with optical fibres
2. Water-blocking E-glass yarn
3. FRLSOH UV stable outer jacket

Cable general description

Max. 12 fibre uni-tube nonmetallic cable for indoor or outdoor duct installation with standard level of rodent protection.

Construction and dimensions

Loose tube nominal diameter	2,3 mm
Outer jacket nominal thickness	1,0 mm
Cable nominal outer diameter	5,2 mm
Cable informative weight	33 kg/km
Standard put-up length	2100/4100 m ± 5%

Basic features

Tensile strength	1000 N	IEC 60794-1-2/E1A
Crush resistance	2000 N/10cm	IEC 60794-1-2/E3
Impact resistance	3x w/20N.m	IEC 60794-1-2/E4
Min. bend radius	15x cable diameter 20x cable diameter	no load load
Temperature range		IEC 60794-1-2/F1
installation	-5 ÷ 50°C	
operation	-20 ÷ 70 °C	
storage	-30 ÷ 70°C	
Moisture resistance	yes	IEC 60794-1-2/F5
Cable expected life time	Min. 30 years	

Indoor installation

Flammability	yes	EN 60332-3-10, EN 60332-3-22
Acid gases	yes	EN 50267-1, EN 50267-2-2, EN 50267-2-3
Smoke density	yes	EN 61034-1, EN 61034-2

Outer jacket

Material	UV stable FRLSOH
Jacket colour	Orange or black. Other colours available on request
Sheath marking	Ink-Jet, white or black depending on the jacket colour

Optical fibres

Colour coding (IEC 60304) 1.red, 2.green, 3.blue, 4.yellow, 5.white, 6.grey, 7.brown, 8.violet, 9.turquoise, 10.black, 11.orange, 12.pink

Fibre type All kinds of single- and multi-mode fibres (OS2, OM1, OM2, OM3, OM4).
Geometrical and transmission parametres are available at separate generic datasheet.

- For further information please contact one of our sales advisors
- WrenUk reserves the right to make changes to product specifications in the datasheet(s) at any time without notice.
- Information in this document is correct as of March 23, 2016

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