

OUTDOOR/INDOOR OPTICAL FIBRE CABLE (2-48 FO)

Applications

- Rugged multi fibre cross connect.
- Intra building backbone.
- Fibre backbone to communication closets.
- FTTH.



Features



Outdoor



Indoor



Duct



Tunnel

Mains quality

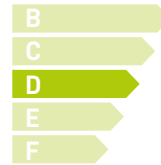


UV resistant

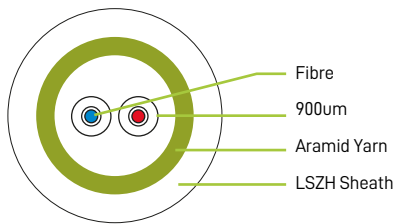


Fire resistant

CPR class Dca-s1, d1, a2



Typical Cross Section Of 2 Fibres



Fibre

900um

Aramid Yarn

LSZH Sheath

Cable Construction

- Up to 12 fibres available with any Multimode and Singlemode.
- Aramid Yarns as Strength Member.
- LSZH coating on fibre.
- LSZH compound for outer sheathing.
- Other sheathing available in double sheathing.
- UV stabilized PE outer sheath, black (also available with FR PVC/HFFR/LSOH).

Color Coding - Fibre & Tube



Technical Characteristics

FIBRES COUNT	DIAMETER (mm)	WEIGHT (Kg/km)	TENSILE STRENGTH (N)		BENDING RADIUS (mm)		TEMPERATURE RANGE (IEC 60794-1-2-F1)	
	Nominal	Nominal	Installation	Operating	Temporary	Permanent	Installation	Operating
UP To 6F	5.7	25	500	300	15D	20D	-10° to +70°C	-40° to +70°C
8/12F	6.8	32	500	300	15D	20D	-10° to +70°C	-40° to +70°C

Special Features

- Easy access to the fibres.
- Quick Cable Entry.
- FTTH recommended.
- Indoor/Outdoor.

Drum Length

- 500/1000/2000 meters ± 10%.

Mechanical Characteristics

- Torsion Resistance (IEC 60794-1-2-E7) 2 Cycle (± 360°) 1Kg Weight, L= 2 Mtr.
- Crush Resistance (IEC 60794-1-2-E3) 1000 N (100 X 100 mm) for 600 sec.
- LSZH: IEC 60332 & 61034 & 60754.