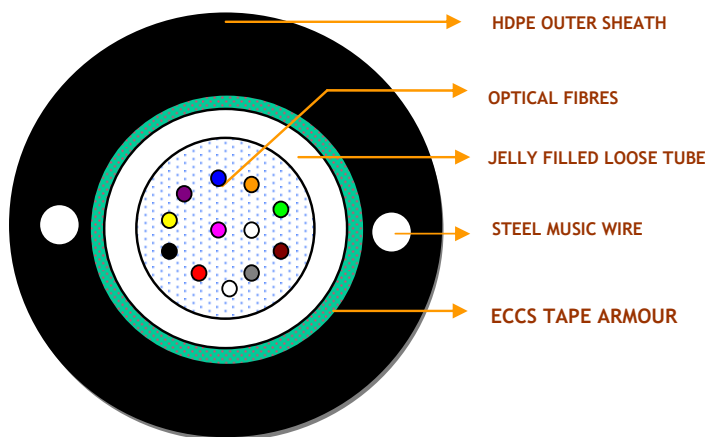


4-6-8-12F Central Tube Single Mode Armoured HDPE OFC Design- MLM



Description:

- Central Loose tube with jelly compound.
- High quality Electro Chromium Coated Corrugated Steel tape (ECCS)
- Armoured design with Music Quality Steel wire (SMW).
- HDPE Black Sheath.

Application:

- Suitable for Outdoor network System.
- Excellent moisture resistance.
- Excellent Crush resistant performance, light weight, Compact structure.
- Export design cable.

Mechanical & Environment Characteristics:-

Operating Temperature	-20 deg C to +70 deg C
Storage Temperature	-40 deg C to +70 deg C
Jacket Material	HDPE- Black Sheath UV Proof
Filling Gel	Thixotropic gel to prevent water ingress in loose tube
Monotube (Loose Tube)	Polybutylene Teraphthalate (PBT).
Strength Members	Strength Member SMW
Armouring	Copolymer coated ECCS tape.
Cable Printing details (White - Color)	FINOLEX CABLES LIMITED - DDMMYYYY - - SQM M -- LASER TEL SYMBOL - 12F SM MLM OFC - OR Customer Requirement

Fiber Count	Outer diameter (mm)	Outer Sheath Thickness (mm)	Nominal Cable Weight (kg/km)	Tensile Strength IEC 60794-1-2-E1	Crush Load IEC 60794-1-2-E3 (N/100mm)	Bend Radius (mm) IEC 60794-1-2-E11 IEC 60794-1-2-E6
4-12F	8.8 +/- 0.5	1.80 +/- 0.2	75	1800N	3000N	20D

Color Code:-

BL-BLUE	OR-ORANGE	GR-GREEN	BR-BROWN	GY-GREY	WH-WHITE
RD-RED	BK-BLACK	YE-YELLOW	PU-PURPLE	PI-PINK	NA-NATURAL

Characteristics (cabled) Single-Mode – Matched- Cladded optical fibers according to ITU:-G652

Fiber-Type	Mode-Field/Cladding Diameter (μm)	Wavelength (nm) / Attenuation Max in dB/km	Dispersion (ps/(nm-km))	PMD (ps/km)	Cable Cut-off Wavelength (nm)
9/125/G652 1.4674/1.4679	9.3 ± 0.5 125 ± 1.0	1310 / 0.38 1550 / 0.25	≤ 3.5 ≤ 18	≤ 0.2	≤ 1260

Cable Size & Standard length:-

Cable Size	Design	Standard Length
4-6-8-12F	MLM	1.8 to 3.5 kms +/- 10% & Non std. lengths > 300 Mtrs

Additional information:

- Test report (Attenuation) is supplied with each cable drum /delivery.
- Cable surface is protected with Poly-coated paper wrapper.
- Short Length +/- 5% of order (> 300mtrs) Customer Approval.

[UID-S210125 AB/SS DT 270221](#)