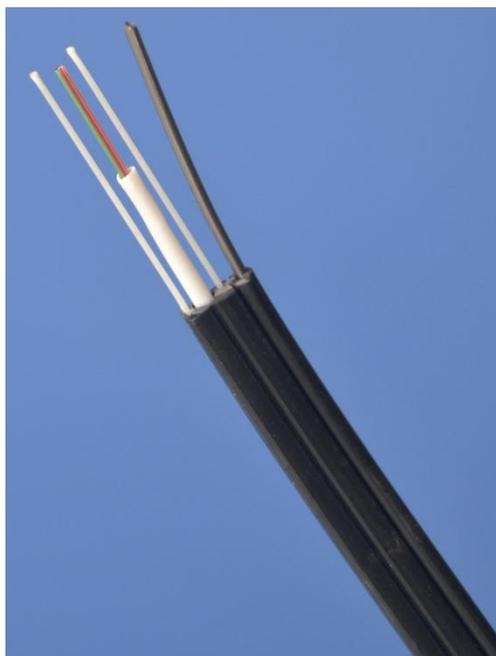


FIBER OPTIC CABLE

08 Core SM Indoor / Outdoor Fiber Optic Cable

Part # : 7108



Features:

- G.652D
- Self Supporting Steel
- Light Armoured Loose Tube
- FRP Strength Member
- LSZH Material
- Flexible
- Suitable for Indoor / Outdoor
- Packaging 500 or 1000 Meters

<u>CABLE PARAMETERS</u>	
Colored Coating Fiber:	
Fiber Count	08
Dimension (µm)	250 ± 15
Color	Blue, Orange, Green, Brown, Grey, White, Red, Black, (Yellow, Purple, Pink, Aqua)
Strength Member:	
Dimension (mm)	0.5
Material	FRP
Self Supporting Memeber:	
Dimension (mm)	1.0
Material	Steel
Jacket:	
Dimension (mm)	6.0 ± 0.2 mm x 2.8 ± 0.1 mm
Material	LSZH
Color	Black
<u>FIBER PARAMETERS:</u>	
Mode Field Diameter (µm)	
1310nm	9.2 ± 0.4
1550nm	10.4 ± 0.5
Cladding Diameter (µm)	124.8 ± 0.7
Cladding Non-Circularity (%)	≤ 0.7
Core-Cladding Concentricity Error (µm)	≤ 0.5
Coating Diameter (µm)	245 ± 5
Coating Non-Circularity (%)	≤ 6.0
Cladding-Coating Concentricity (µm)	≤ 12.0
Cable Cutoff Wavelength (nm)	$\lambda_{cc} \leq 1260$
Attenuation (db/km)	
1310nm (max)	≤ 0.36
1550nm (max)	≤ 0.25

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CHARACTERISTICS

Tension (Long Term)	300 N
Tension (Short Term)	600 N
Crush (Long Term)	500 N/10cm
Crush (ShortTerm)	1000 N/10cm
Min. Bend Radius (Dynamic)	20D mm
Min. Bend Radius (Static)	10D mm
Installation Temperature	-20°C ~ +60°C
Operating Temperature	-40°C ~ +70°C
Storage Temperature	-40°C ~ +70°C

Design:

