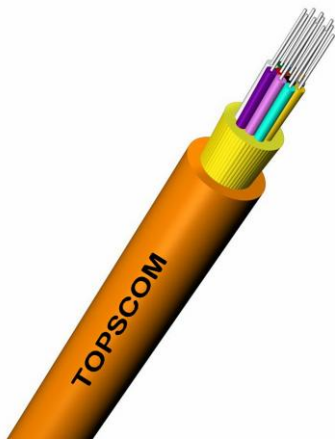


Indoor Fiber Cable

Product Type: TIFJZ



Optical Cable Specifications

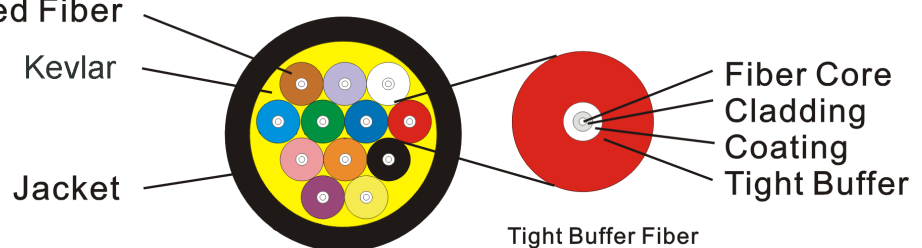
Description

Topscom Fiber Optic Indoor Distribution Cables consists of 2 to 12 strains of 900 μ m tight buffered fiber, surrounded by aramid yarn (Kevlar) strength members with either PVC or LSZH material jacket. Distribution cables are ideal for LAN backbone and horizontal cabling applications. It is a more cost effective solution to achieve higher data rates over longer distances. Halogen free LSOH jacket ensures that fire does not spread through the cables, and no corrosive and toxic gases will arise.

Cable features

- 2 to 12 fiber count cables
- SZ stranded cable
- ϕ 900 μ m tight buffered fiber
- PVC or Low Smoke Zero Halogen (LSZH) jacket material is available.
- Flexible, light-weight and small outside diameter
- Color coding complies with TIA/EIA-598B

Color Coded Buffered Fiber



Optical Fiber Specifications – Multimode

Fiber Type	M5		M6	
Wavelength (nm)	850	1300	850	1300
Core/Cladding (μm)	50/125		62.5/125	
Numerical Aperture	0.2 ± 0.02		0.275 ± 0.015	
Max. Attenuation (dB/km)	≤2.5	≤0.7	≤3.0	≤0.8
Performance (MHz.km)	≥500	≥1000	≥400	≥1000

Mechanical Specifications

Fiber Count		4	8	12	16	24
Outer Diameter (mm)		4.8	6.2	6.8	7.4 ± 0.2	8.2 ± 0.02
Weight (kg/km)		19	29	38	53	60
Max Tensile Load (N)	Short -Term	270	480	600	660	720
	Long -Term	90	160	200	220	240
Min Bend Radius (mm)	Dynamic	20 times of outer diameter				
	Static	10 times of outer diameter				
Jacket Material		PVC or LSOH				
Operating Temperature		-40°C to +60°C or -20°C to +60°C				