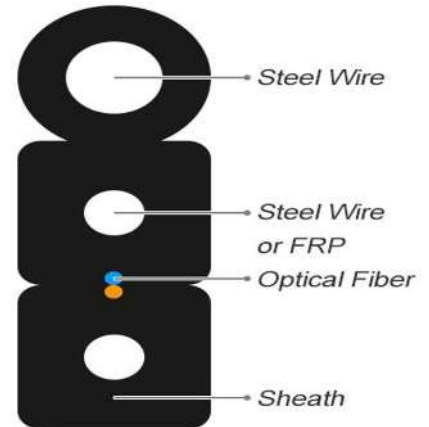


OPTI-CODE
A SMART SOLUTION

FTTH FIBER CABLE SERIES

OPTI-CODE



OPTI-CORD Single mode Indoor Optical Fiber Cable Tight Buffered 2,4-Core LSZH

OPTI-CORD provides high-strength optical fiber cables for use in various industrial, indoor, and outdoor applications. Offering unique properties and benefits for different types of use, our communications optical fiber cable products can easily meet complex application requirements and specifications. TMTGLOBAL optical fiber cable FTTH ,FTTX , indoor/outdoor SM/MM, OS1,OS2 ,OM1,OM2,OM3,OM4 is compliant with ISO/IEC and ANSI/TIA Standard.

DESCRIPTION		Packing Detail	
Products	FTTH Fiber optic cable single mode	Fiber Count	1,2,4
Applications	The specifications are suitable for the general requirements of fiber optic telecommunicating and FTTH application	Cable Diameter(mm)	3.0/2.0 ± 16
Fiber Type	ITU-T G.657A1/A2,G.652D	Cable Weight(kg/km)	
Outer Jacket	LSZH, Black	Length/ Drum	2000 m Drum ±

Fiber type	Specification		
	ITU-T G.652D	ITU-T G.657/A1	ITU-T G.657/A2
Attenuation (max/KM)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.35 dB/km (1310 nm) 0.22 dB/km (1550 nm)	0.35 dB/km (1310 nm) 0.22 dB/km (1550 nm)
Tensile Load	40 - 100 N	40 - 100 N	40 - 100 N
Cladding diameter	125 ± 0.3 μm	125 ± 0.7 μm	125 ± 0.7 μm
Core/Clad Concentricity error	≤ 0.5 μm	≤ 0.5 μm	≤ 0.5 μm
Zero dispersion wavelength	1300nm ≤ 1324nm	1300nm ≤ 1324nm	1302nm ≤ 1322nm
Cladding non-circularity	≤ 0.7 %	≤ 0.7 %	1%
Coating diameter	245 ± 10 μm	242 ± 7 μm	240 ± 5 μm
Cut Off Wavelength	≤ 1260nm	≤ 1260nm	≤ 1260nm
Proof Test	≥ 1% (100kpsi or 0.7GPa)	≥ 1% (100kpsi or 0.7GPa)	≥ 1% (100kpsi or 0.7GPa)
Macro bending Attenuation : (10 turn on a 15 mm radius mandrel)		≤ 0.25 dB @1550 nm	≤ 0.5dB @1550 nm
Crush Resistance	220 N/cm	L,1000 N/cm,	IEC 60794-1-2-E3
Temperature Range	-20 to +60 C	-20 to +60 C	IEC 60794-1-2-F1