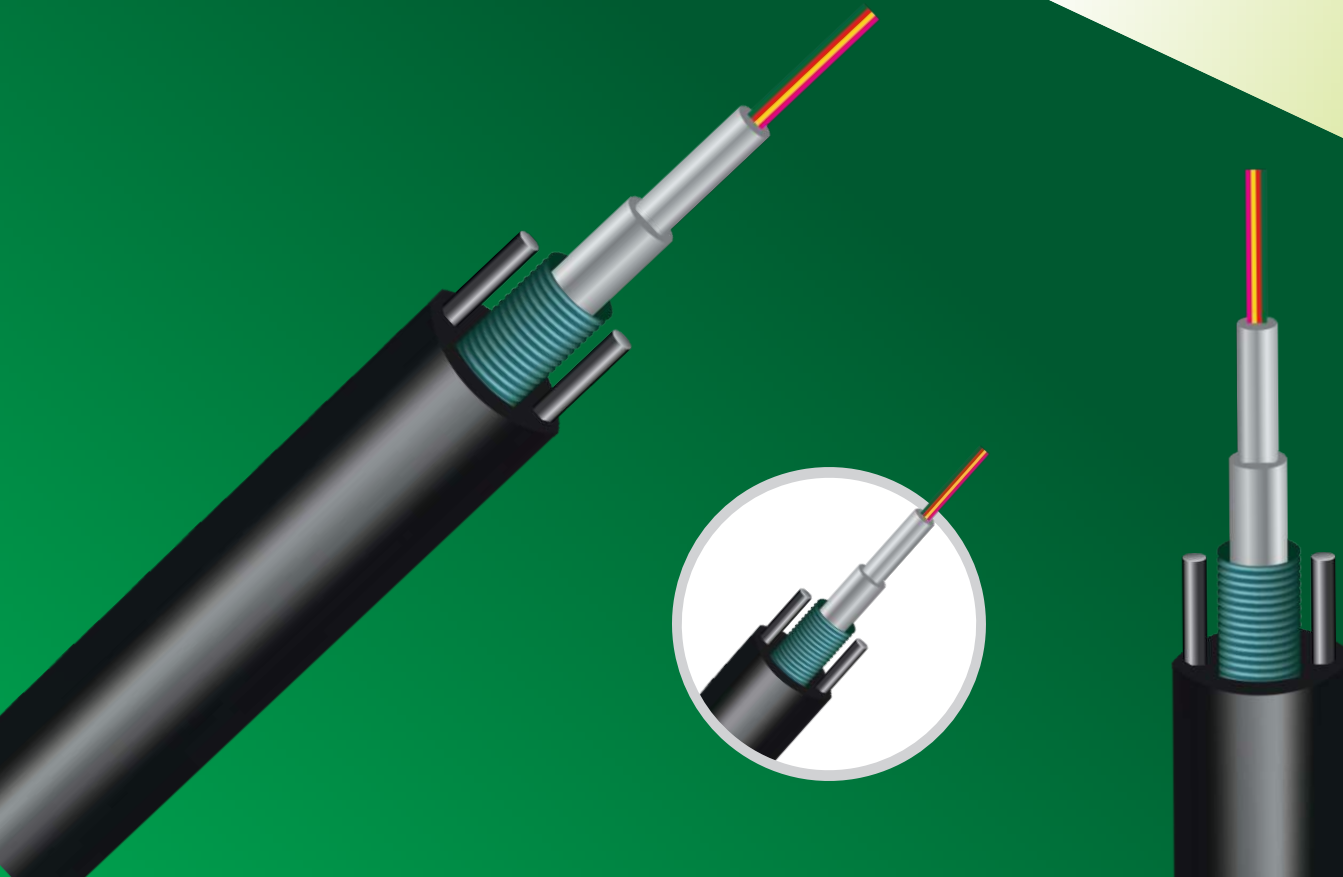
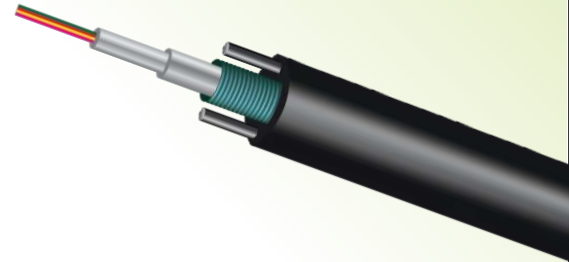
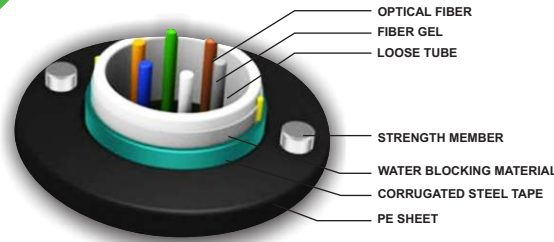


**MULTI CORE
INDOOR/OUTDOOR
ARMOURED
MULTI MODE FIBER
CABLE SERIES**





TMT GLOBAL Multi mode Indoor/outdoor Fiber Cable Loose Tubes, OM3 50/125µm 6,8,12,24-Core LSZH-Armoured

TMT GLOBAL 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.

PHYSICAL DESCRIPTION	
Products	multi mode Fiber optic cable
Tube Filling Compound	Thixotropic jelly
Fiber Type	50/125 OM3
Tube material	PBT (Polybutylene Terephthalate)
Armour	Corrugated steel tape
Packing Detail	
Fiber Count	6,8,12,24,
Tube Outer/Inner Diameter(mm)	3.0/2.0 ±
Cable Diameter(mm)	7.2*-12
Cable Weight(kg/km)	45±
Length/ Drum	2000 m Drum ±5%
Ripcord	Polyester cord
Outer Jacket	PE, MDPE, LSZH

Mechanical and Environmental Properties		
Physical tests	Value	Standard
Tensile Strength	2700 N (during Installation) 1700 N (during Operation)	IEC 60794-1-E1
Impact Resistance	10J, 3 impacts	IEC 60794-1-E4
Crush Resistance	220 N/cm	IEC 60794-1-E3
Temperature Cycling	-40 to +70 °C	IEC 60794-1-F1
Flame Retardancy	According to IEC 60332-3	IEC 60332-3
Cable Bending Radius		
Bend Radius (during installation)	20x cable diameter	IEC 60794-1-2-E11A
Bend Radius (during Service)	10x cable diameter	IEC 60794-1-E11
Repeating Bending	20x cable diameter	IEC 60794-1-E6
Temperature Range)		
Operation Temperature	-40 to +70 C	IEC 60794-1-2-F1
Storage and Transportation Temperature	-40 to +70 C	
Installation Temperature	-30 to +60 C	

Optical Characteristics				
Fiber type		50/125 µm MM OM2	50/125 µm MM OM3	50/125 µm MM OM4
Attenuation (max)	850 nm	3.5 dB/km	3.5 dB/km	3.5 dB/km
	1300 nm	1.5 dB/km	1.5 dB/km	1.5 dB/km
Bandwidth (Laser EMB)	850 nm		2000 MHz.km	2000 MHz.km
	1300 nm		500 MHz.km	500 MHz.km
Bandwidth (Overfilled)	850 nm	700 MHz.km	1500 MHz.km	3500 MHz.km
	1300 nm	500 MHz.km	500 MHz.km	500 MHz.km
Numerical Aperture		0.200±0.015	0.2±0.015	0.2±0.015
Core Diameter		50 ± 2 µm	50 ± 2 µm	50 ± 2 µm
Cladding Diameter		125 ± 1µm	125 ± 1µm	125 ± 1µm
Core/Clad Concentricity error		≤ 1 µm	≤ 1 µm	≤ 1 µm
Cladding non-circularity		≤ 0.7 %	≤ 0.7 %	≤ 0.7 %
Coating Diameter		242 ± 5 µm	242 ± 5 µm	242 ± 5 µm
Proof Test		≥ 100kpsi or 0.7GPa	≥ 100kpsi or 0.7GPa	≥ 100kpsi or 0.7GPa

Ordering Information			
Model no	Products ID	Description	
TMT-3230	TMT-063LPK	6CORE MULTI MODE INDOOR/OUTDOOR ARMoured FIBER OPTIC CABLE OM3	
TMT-3231	TMT-083LPK	8CORE MULTI MODE INDOOR/OUTDOOR ARMoured FIBER OPTIC CABLE OM3	
TMT-3232	TMT-123LPK	12CORE MULTI MODE INDOOR/OUTDOOR ARMoured FIBER OPTIC CABLE OM3	
TMT-3233	TMT-243LPK	24CORE MULTI MODE INDOOR/OUTDOOR ARMoured FIBER OPTIC CABLE OM3	