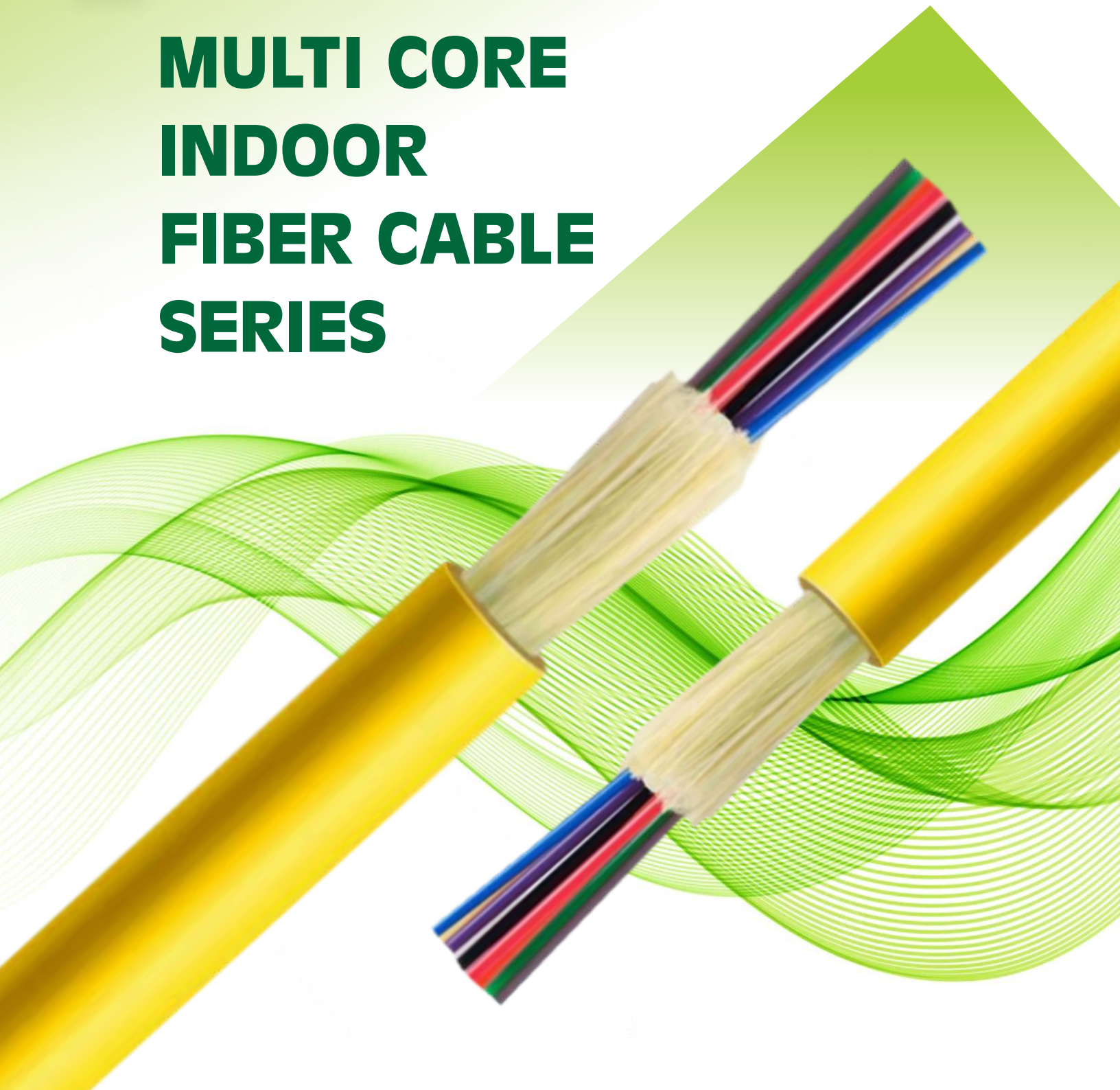
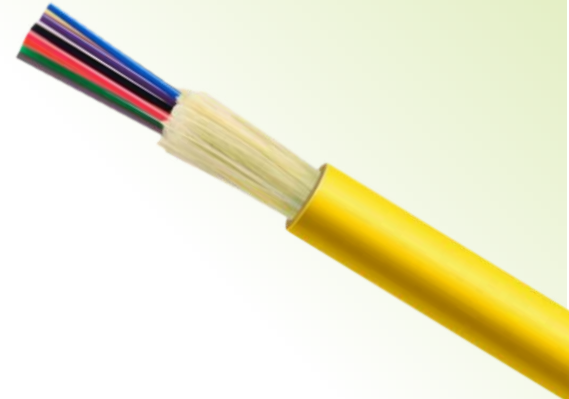
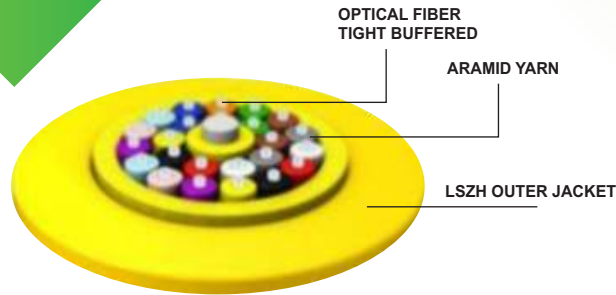


MULTI CORE INDOOR FIBER CABLE SERIES





TMT GLOBAL Single mode Indoor/outdoor Optical Fiber Cable Tight Buffered ,,8,12,24,-Core LSZH

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.

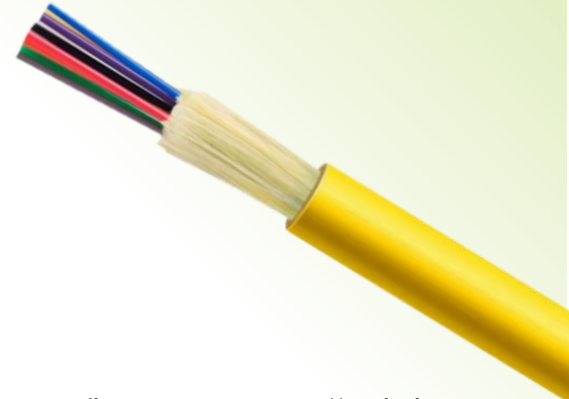
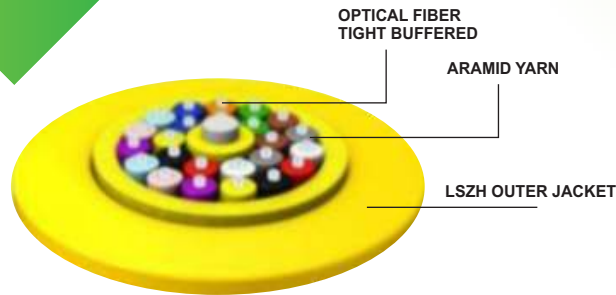
PHYSICAL DESCRIPTION	
Products	Fiber optic cable single mode
Tight Buffered	HFFR (900µm)
Fiber Type	ITU-T G.652D
Tube material	PBT (Polybutylene Terephthalate)
Color	Yellow, Green,
Packing Detail	
Fiber Count	6,8,12,24
Tube Outer/Inner Diameter(mm)	3.0-/2.0 ±
Cable Diameter(mm)	3.0*-0.15
Cable Weight(kg/km)	45±
Length/ Drum	2000 m Drum ±5%
Strength	Aramid yarn
Outer Jacket	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	
Storage and Transportation Temperature	-40 to +70 C	IEC 60794-1-2-F1
Installation Temperature	-30 to +60 C	

Optical Characteristics			
Fiber type	ITU-T G.652D	ITU-T G.657/A1	ITU-T G.657/A2
Attenuation (max)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.35 dB/km (1310 nm) 0.22 dB/km (1550 nm)
MFD	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	8.6 ± 0.4 µm (1310 nm)
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

Model No	Products ID	Ordering Information
TMT-3101	TMT-081TLY	8CORE SINGLE MODE INDOOR TIGHT BUFFERED FIBER OPTIC CABLE LSZH G.652D





TMT GLOBAL Single mode Indoor/outdoor Optical Fiber Cable Tight Buffered ,,8,12,24,-Core LSZH

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.

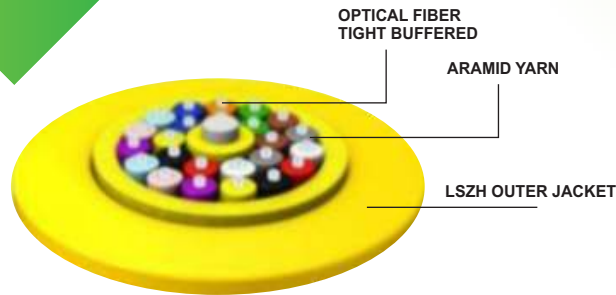
PHYSICAL DESCRIPTION	
Products	Fiber optic cable single mode
Tight Buffered	HFFR (900µm)
Fiber Type	ITU-T G.652D
Tube material	PBT (Polybutylene Terephthalate)
Color	Yellow, Green,
Packing Detail	
Fiber Count	6,8,12,24
Tube Outer/Inner Diameter(mm)	3.0/2.0 ±
Cable Diameter(mm)	3.0*-0.15
Cable Weight(kg/km)	45±
Length/ Drum	2000 m Drum ±5%
Strength	Aramid yarn
Outer Jacket	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	
Storage and Transportation Temperature	-40 to +70 C	IEC 60794-1-2-F1
Installation Temperature	-30 to +60 C	

Optical Characteristics			
Fiber type	ITU-T G.652D	ITU-T G.657/A1	ITU-T G.657/A2
Attenuation (max)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.35 dB/km (1310 nm) 0.22 dB/km (1550 nm)
MFD	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	8.6 ± 0.4 µm (1310 nm)
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

Model No	Products ID	Ordering Information
TMT-3102	TMT-121TLY	12CORE SINGLE MODE INDOOR TIGHT BUFFERED FIBER OPTIC CABLE LSZH G.652D





TMT GLOBAL Single mode Indoor/outdoor Optical Fiber Cable Tight Buffered ,,8,12,24,-Core LSZH

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	Fiber optic cable single mode
Tight Buffered	HFFR (900µm)
Fiber Type	ITU-T G.652D
Tube material	PBT (Polybutylene Terephthalate)
Color	Yellow, Green,
Packing Detail	
Fiber Count	6,8,12,24,
Tube Outer/Inner Diameter(mm)	3.0/2.0 ±
Cable Diameter(mm)	3.0*-0.15
Cable Weight(kg/km)	45±
Length/ Drum	2000 m Drum ±5%
Strength	Aramid yarn
Outer Jacket	LSZH

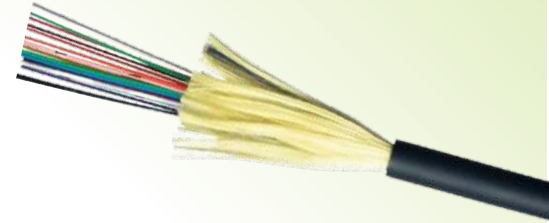
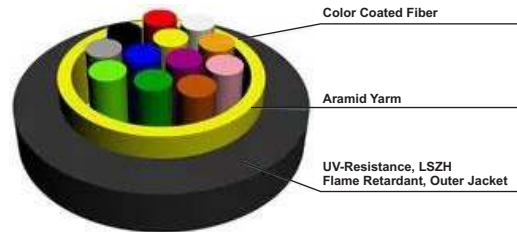
Mechanical and Environmental Properties		
Physical tests	Value	Standard
Tensile Strength	2700 N (during Installation) 1700 N (during Operation)	IEC 60794-1-E1
Impact Resistance	10J, 3 impacts	IEC 60794-1-E4
Crush Resistance	220 N/cm	IEC 60794-1-E3
Temperature Cycling	-40 to +70 °C	IEC 60794-1-F1
Flame 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	ITU-T G.652D	ITU-T G.657/A1	ITU-T G.657/A2
Attenuation (max)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.35 dB/km (1310 nm) 0.22 dB/km (1550 nm)
MFD	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	8.6 ± 0.4 µm (1310 nm)
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 ≤ λ ≤ 1324nm	1300nm ≤ λ ≤ 1324nm	1302nm ≤ λ ≤ 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

Model No	Products ID	Ordering Information
TMT-3103	TMT-241TLY	24CORE SINGLE MODE INDOOR TIGHT BUFFERED FIBER OPTIC CABLE LSZH G.652D

MULTI CORE INDOOR/OUTDOOR FIBER CABLE SERIES





TMT GLOBAL Single mode Indoor/outdoor Optical Fiber Cable Tight Buffered 12-Core HDPE

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	Fiber optic cable single mode
Tight Buffered	HFFR (900µm)
Fiber Type	G.652D
Tube material	PBT (Polybutylene Terephthalate)
Strength	Aramid yarn
Packing Detail	
Fiber Count	6,8,12,24,48,96,128
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	MDPE, BLACK, GREEN

Mechanical and Environmental Properties		
Physical tests	Value	Standard
Tensile Strength	2700 N (during Installation)	IEC 60794-1-E1
	1700 N (during Operation)	
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	

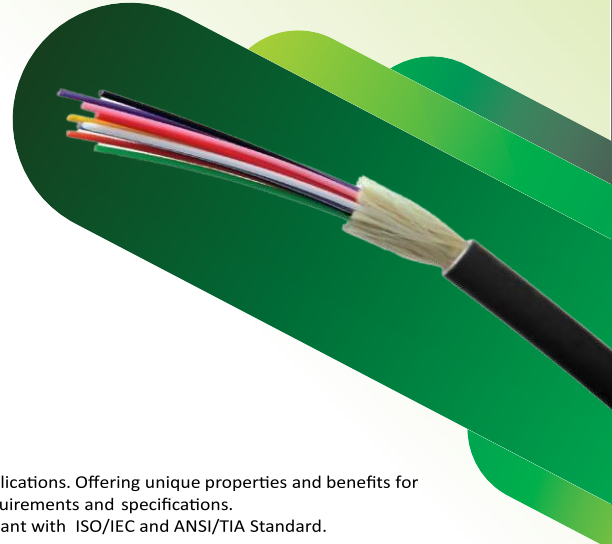
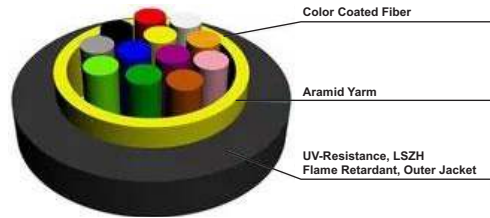
Optical Characteristics			
Fiber type	ITU-T G.652D	ITU-T G.657/A1	ITU-T G.657/A2
Attenuation (max)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.40 dB/km (1310 nm) 0.25 dB/km (1550 nm)	0.35 dB/km (1310 nm) 0.22 dB/km (1550 nm)
MFD	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	9.0±0.4 µm (1310 nm) 10.1±0.5 µm (1550 nm)	8.6 ± 0.4 µm (1310 nm)
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

Model No	Product ID	Ordering Information
TMT-3021	TMT-121TPK	12CORE SINGLE MODE INDOOR/OUTDOOR FIBER OPTIC CABLE G.652D





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



TMT GLOBAL Multi mode Indoor/outdoor Fiber Cable Loose/Tight Tubes,OM2 50/125µm 6,8,12,24-Core LSZH

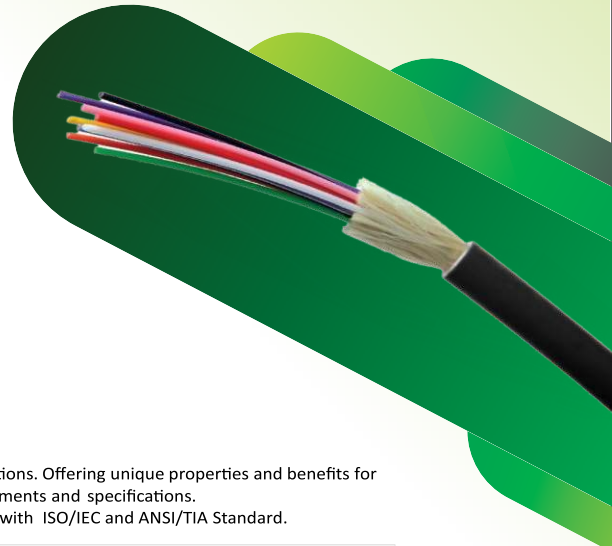
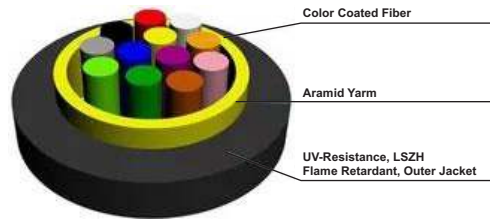
TMT GLOBAL provides high-strength optical fiber cables for use in various industrial, indoor, and outdoor applications. Offering unique properties and benefits for different types of use, our communications optical fiber cable products can easily meet complex application requirements and specifications. 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 /N
Fiber Type	50/125 OM2
Tube material	PBT (Polybutylene Terephthalate)
Armour	N
Packing Detail	
Fiber Count	6,8,12,24,
Tube Outer/Inner Diameter(mm)	3.0/2.0 ±
Cable Diameter(mm)	4.2*-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	
Storage and Transportation Temperature	-40 to +70 C	IEC 60794-1-2-F1
Installation Temperature	-30 to +60 C	

Optical Characteristics				
Fiber type	50/125 µm MM OM2			
	850 nm	1300 nm	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-3210	TMT-062LDK	6CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM2
TMT-3211	TMT-082LDK	8CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM2
TMT-3212	TMT-122LDK	12CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM2
TMT-3213	TMT-242LDK	24CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM2



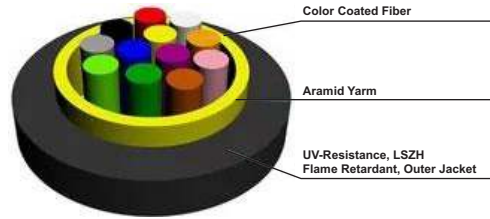
TMT GLOBAL Multi mode Indoor/outdoor Fiber Cable Loose/Tight Tubes, OM3 50/125µm 6,8,12,24-Core LSZH

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PHYSICAL DESCRIPTION		Mechanical and Environmental Properties		
Products	multi mode Fiber optic cable	Physical tests	Value	Standard
Tube Filling Compound	Thixotropic jelly /N	Tensile Strength	2700 N (during Installation) 1700 N (during Operation)	IEC 60794-1-E1
Fiber Type	50/125 OM3	Impact Resistance	10J, 3 impacts	IEC 60794-1-E4
Tube material	PBT (Polybutylene Terephthalate)	Crush Resistance	220 N/cm	IEC 60794-1-E3
Armour	N	Temperature Cycling	-40 to +70 °C	IEC 60794-1-F1
Packing Detail		Flame Retardancy	According to IEC 60332-3	IEC 60332-3
Fiber Count	6,8,12,24,	Cable Bending Radius		
Tube Outer/Inner Diameter(mm)	3.0/2.0 ±	Bend Radius (during installation)	20x cable diameter	IEC 60794-1-2-E11A
Cable Diameter(mm)	4.2*-12	Bend Radius (during Service)	10x cable diameter	IEC 60794-1-E11
Cable Weight(kg/km)	45±	Repeating Bending	20x cable diameter	IEC 60794-1-E6
Length/ Drum	2000 m Drum ±5%	Temperature Range)		
Ripcord	Polyester cord	Operation Temperature	-40 to +70 C	IEC 60794-1-2-F1
Outer Jacket	PE,MDPE, LSZH	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-3240	TMT-063LDK	6CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM3
TMT-3241	TMT-083LDK	8CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM3
TMT-3242	TMT-123LDK	12CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM3
TMT-3243	TMT-243LDK	24CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM3



TMT GLOBAL Multi mode Indoor/outdoor Fiber Cable Loose/Tight Tubes,OM4 50/125µm 6,8,12,24-Core LSZH

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		Mechanical and Environmental Properties		
Products	multi mode Fiber optic cable	Physical tests	Value	Standard
Tube Filling Compound	Thixotropic jelly /N	Tensile Strength	2700 N (during Installation) 1700 N (during Operation)	IEC 60794-1-E1
Fiber Type	50/125 OM4	Impact Resistance	10J, 3 impacts	IEC 60794-1-E4
Tube material	PBT (Polybutylene Terephthalate)	Crush Resistance	220 N/cm	IEC 60794-1-E3
Armour	N	Temperature Cycling	-40 to +70 °C	IEC 60794-1-F1
Packing Detail		Flame Retardancy	According to IEC 60332-3	IEC 60332-3
Fiber Count	6,8,12,24,	Cable Bending Radius		
Tube Outer/Inner Diameter(mm)	3.0/2.0 ±	Bend Radius (during installation)	20x cable diameter	IEC 60794-1-2-E11A
Cable Diameter(mm)	4.2*-12	Bend Radius (during Service)	10x cable diameter	IEC 60794-1-E11
Cable Weight(kg/km)	45±	Repeating Bending	20x cable diameter	IEC 60794-1-E6
Length/ Drum	2000 m Drum ±5%	Temperature Range)		
Ripcord	Polyester cord	Operation Temperature	-40 to +70 C	IEC 60794-1-2-F1
Outer Jacket	PE,MDPE, LSZH	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-3270	TMT-064LDK	6CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM4
TMT-3271	TMT-084LDK	8CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM4
TMT-3272	TMT-124LDK	12CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM4
TMT-3273	TMT-244LDK	24CORE MULTI MODE INDOOR/OUTDOOR FIBER OPTIC CABLE OM4