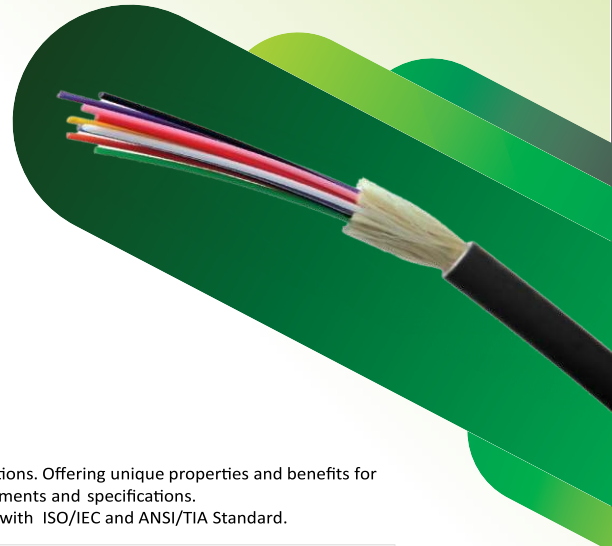
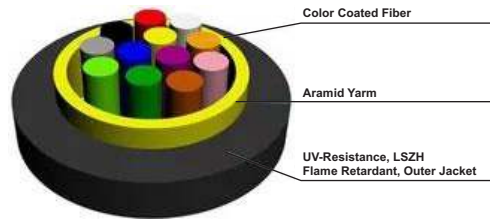




**MULTI CORE
INDOOR/OUTDOOR
MULTI MODE
FIBER CABLE SERIES**



TMT GLOBAL Multi mode Indoor/outdoor Fiber Cable Loose/Tight Tubes, OM3 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 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 | |