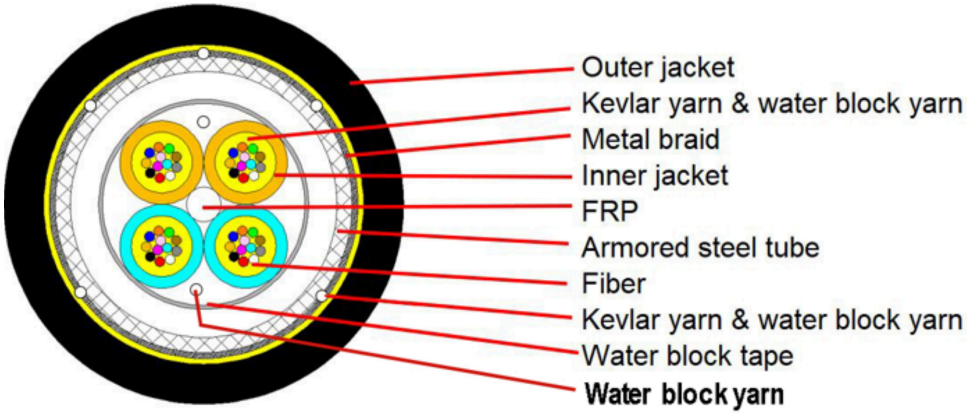
Part Number: TF48H-24OS2-24OM4-PLO - 2
48 Strand, 2x24F OS2 & 2x24F OM4, TiniFiber Micro Armor™ + Steel Braid, Singlemode OS2, Multimode OM4, 250 µm Sub-unitized, PLENUM-UV, BLACK, Plenum, Indoor Outdoor Premise, Duct, Conduits, and Patch



General Specifications

P/N	TF48H-24OS2-24OM4-PLO - 2
Application and Uses	Indoor Outdoor Premise, Duct, Conduits, and Patch
Outer Jacket Specifications / Color	PLENUM-UV | BLACK
Fiber Category	Singlemode OS2 | Multimode OM4
Fiber Type	OS2 & OM4
Fiber Count / Grouping	48 Strand | 2x24F OS2 & 2x24F OM4
Construction	250 µm Sub-unitized
Maximum Attenuation	≤0.36 dB/KM @ 1310nm |≤0.23 dB/KM @ 1550nm / ≤3.0 dB/km @ 850 nm | ≤1.5 dB/km @1300 nm
Core/Cladding	9/125um & 50/125um
Water Block	Yes
Armor	TiniFiber Micro Armor™ + Steel Braid
Maximum Tensile Strength (Dynamic | Static)	800 N | 400 N
Maximum Crush Resistance (Dynamic | Static)	20 kN/m | 5 kN/m
Minimum Bend Radius (Dynamic | Static)	20D | 10D
Nominal Outer Diameter	10.5mm ±0.5mm
Cable Weight	145 kg/km (~97 lbs/kft)
Installation Temperature	-10 to 60 °C (14 to 140 °F)
Operation Temperature	-15 to 60 °C (5 to 140 °F)
Storage Temperature	-15 to 60 °C (5 to 140 °F)
Standards	Telcordia GR-20, TIA-568.3, ICEA-S-104-696
Conductor Count	
Conductor Gauge	

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Conductor Type	
Conductor Outer Jacket Material	
Conductor Color Code	
Patent Number	https://tinifiber.com/patent-notices

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