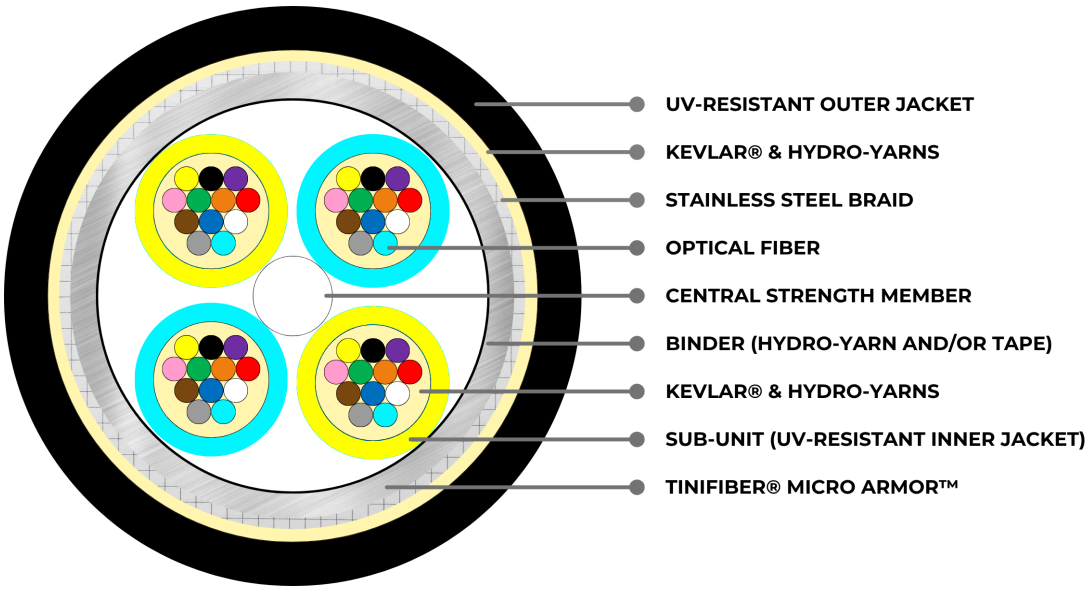
Part Number: TF48H-24OS2-24OM3-PLO250 - 2
48 STRAND, 2x12f Yellow, 2x12f Aqua, TiniFiber® Micro Armor™ + Steel Braid, Singlemode OS2, Multimode OM3, 250 m Sub-unitized, Plenum - UV, Black, Plenum, Indoor Outdoor Premise, Duct, Conduits, and Patch



General Specifications

P/N	TF48H-24OS2-24OM3-PLO250 - 2
Application and Uses	Indoor Outdoor Premise, Duct, Conduits, and Patch
Outer Jacket Specifications / Color	Plenum - UV |Black
Fiber Category	Singlemode OS2 | Multimode OM3
Fiber Type	
Fiber Count / Grouping	48 STRAND |2x12f Yellow | 2x12f Aqua
Construction	250 m Sub-unitized
Maximum Attenuation	OS2 ≤0.35 dB/KM @ 1310nm |≤0.21 dB/KM @ 1550nm || OM3 ≤3.0 dB/km @ 850 nm | ≤1.5 dB/km @1300 nm
Core/Cladding	50/125 & 9/125
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	10.5±0.5 (mm)
Cable Weight	174 kg/km (~117 lbs/kft)
Installation Temperature	-10 to 60 °C (14 to 140 °F)
Operation Temperature	-15 to 60 °C (5 to 140 °F)

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

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