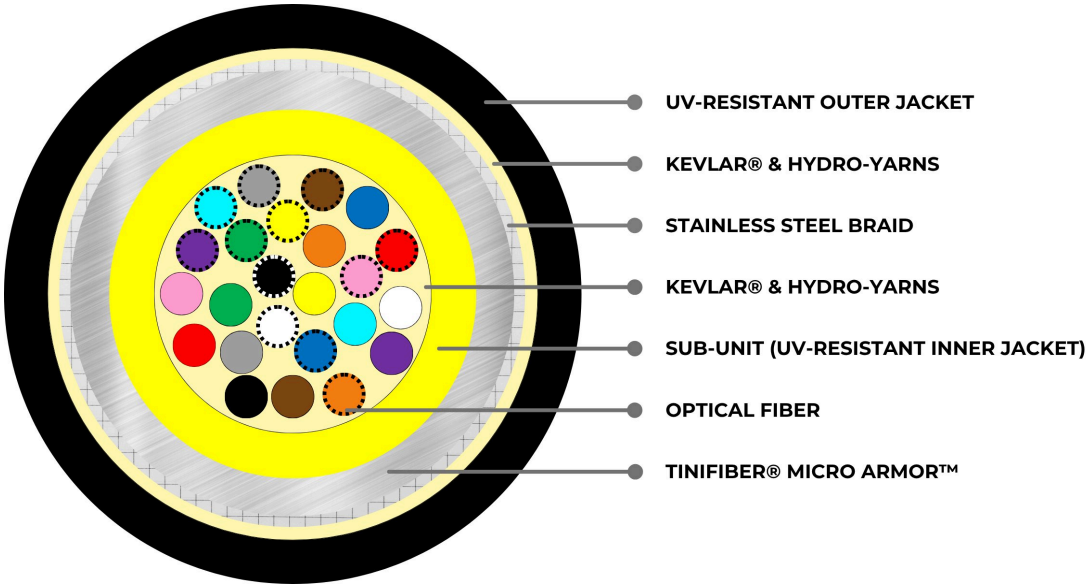
Part Number: TF27-OS2-PE - 2
27 Strand, TiniFiber® Micro Armor™ + Steel Braid, Singlemode OS2 9/125, 250 µm Sub-unitized, PE, Outdoor, Black, Outdoor Premise, Duct, Conduits, and Patch



General Specifications

P/N	TF27-OS2-PE - 2
Application and Uses	Indoor/Outdoor Premise, Duct, Conduits, and Patch
Outer Jacket Specifications / Color	LSZH-UV | BLACK
Fiber Category	Singlemode OS2 9/125
Fiber Type	
Fiber Count / Grouping	24 Strand | 2x12f Flat Ribbon
Construction	
Maximum Attenuation	≤0.36 dB/KM @ 1310nm |≤0.23 dB/KM @ 1550nm
Core/Cladding	
Water Block	No
Armor	TiniFiber® Micro Armor™ + Steel Braid
Maximum Tensile Strength (Dynamic | Static)	600 N | 300 N
Maximum Crush Resistance (Dynamic | Static)	10 kN/m | 5 kN/m
Minimum Bend Radius (Dynamic | Static)	20D | 10D
Nominal Outer Diameter	9.0±0.5 mm
Cable Weight	105 kg/km (~71 lbs/kft)
Installation Temperature	0 to 60 °C (32 to 140 °F)
Operation Temperature	-15 to 60 °C (5 to 140 °F)
Storage Temperature	-15 to 60 °C (5 to 140 °F)

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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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