



## General Specifications

<b>P/N</b>	TF48-OS2-LIO - 2
<b>Application and Uses</b>	Indoor/Outdoor Premise, Duct, Conduits, and Patch
<b>Outer Jacket Specifications / Color</b>	LSZH-UV   BLACK
<b>Fiber Category</b>	Singlemode OS2 9/125
<b>Fiber Type</b>	Corning® ClearCurve® LBL G.657.A2/B2
<b>Fiber Count / Grouping</b>	48 Strand   4x12f
<b>Construction</b>	250 ?m TiniFiber Sub-unitized
<b>Maximum Attenuation</b>	0.36 dB/KM @ 1310nm   0.23 dB/KM @ 1550nm
<b>Core/Cladding</b>	9/125
<b>Water Block</b>	Yes
<b>Armor</b>	TiniFiber® Micro Armor™ + Steel Braid
<b>Maximum Tensile Strength (Dynamic   Static)</b>	1200 N   500 N
<b>Maximum Crush Resistance (Dynamic   Static)</b>	30 kN/m   8 kN/m
<b>Minimum Bend Radius (Dynamic   Static)</b>	20D   10D
<b>Nominal Outer Diameter</b>	10.5±0.5 mm
<b>Cable Weight</b>	131 kg/km (~88 lbs/kft)
<b>Installation Temperature</b>	0 to 60 °C (32 to 140 °F)
<b>Operation Temperature</b>	-40 to 70 °C (-40 to 158 °F)
<b>Storage Temperature</b>	-40 to 70 °C (-40 to 158 °F)

Part Number: TF48-OS2-LIO - 2  
48 Strand, 4x12f, TiniFiber® Micro Armor™ + Steel Braid, Singlemode  
OS2 9/125, 250 ?m TiniFiber Sub-unitized, LSZH-UV, BLACK, LSZH,  
Indoor/Outdoor Premise, Duct, Conduits, and Patch



**Standards**

Telcordia GR-20, TIA-568.3, ICEA-S-104-696

**Patent Number**

<https://tinifiber.com/patent-notice>