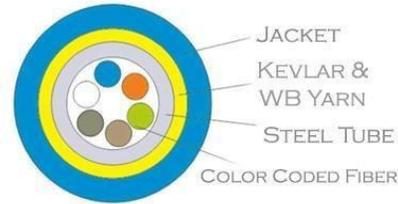
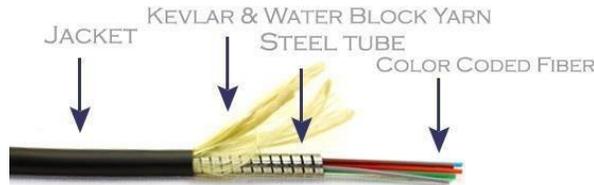


## Micro Armor Fiber™ The Original Stainless Steel Armor SingleMode 6 Core OS2 Armored Indoor/Outdoor Plenum Fiber Optic Cable Model # TF6-OS2-PLO

TiniFiber® is a revolutionary designed fiber optic cable that will provide the single best solution for all your fiber optic projects and usage. Micro Armor Fiber™ can be used in any channel from Telco, CATV, WAN LAN, SAN, Broadcast, DAS, Communication, Security, Indoor, Outdoor as well as Aerial installations and regardless of environmental conditions.



**Outer Jacket**  
Material: Plenum  
Color: Black  
Outer Diameter: 6.0 mm

0.9mm color coded fiber, Steel tube,  
Kevlar/Water block yarn,  
Outer Jacket, UL/OFCP

### TiniFiber® Micro Armor Fiber™ Key Features

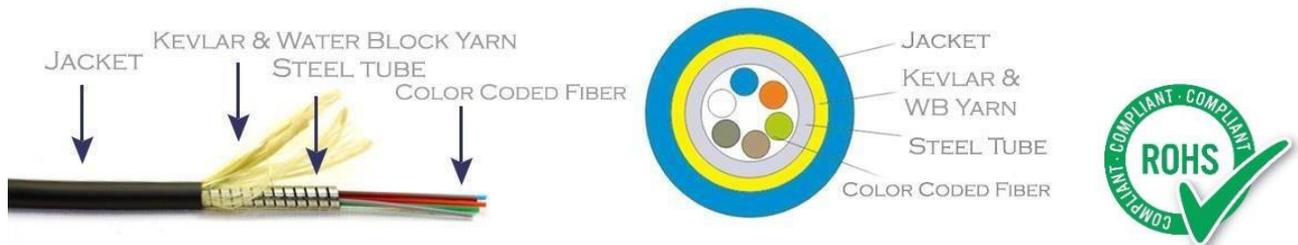
Feature	Benefits
<b>Micro Armor Fiber™</b>	<ol style="list-style-type: none"> <li>1. The smallest OD of any armor compared to conventional optical fiber cable in size and flexibility</li> <li>2. Lightest and smallest armor makes routing and installation faster and easier</li> <li>3. Cables are up to 65% smaller and 75% lighter than conventional Aluminum Interlocking Armor (AIA)</li> </ol>
<b>Encased Stainless Steel Coiled Tubular Armor</b>	<ol style="list-style-type: none"> <li>1. Provides the strongest armor with maximum bend radius and designed for all indoor &amp; outdoor conditions</li> <li>2. Crush and rodent resistance for multiple usages</li> </ol>
<b>Outer Jackets</b>	1. All jackets and colors for Riser, Plenum, Indoor/Outdoor, LSZH, Burial & Industrial projects
<b>MultiMode/SingleMode Strands</b>	<ol style="list-style-type: none"> <li>1. OS2, OM1, OM3, OM4 from 1 to 144 Strands (250u/900u/Ribbon)</li> <li>2. Available in all standard connectors</li> </ol>
<b>Kevlar Fiber Strands</b>	1. Adds tensile strength and flexibility

### Competitive Product Analysis

Feature	Micro Armor Fiber™	Aluminum Interlock Armor (AIA)	Conventional Fiber Cable Jacket
<b>Maximum Bend Radius</b>	✓		✓
<b>Smallest OD With Armor</b>	✓		
<b>Lightest Armor Fiber</b>	✓		
<b>Strongest Armor Fiber</b>	✓	✓	
<b>Lowest Installation Cost</b>	✓		✓

## Micro Armor Fiber™ The Original Stainless Steel Armor SingleMode 6 Core OS2 Armored Indoor/Outdoor Plenum Fiber Optic Cable Model # TF6-OS2-PLO

**Common Installations:** Ducts, conduits and indoor when installed according to NEC® Article 770  
**Design and Test Criteria:** ANSI/ICEA S-87-640



### General Specifications

Application	Indoor Premise, Outdoor Premise, Duct, Conduits and Patch
Fiber Category	SingleMode (OS2)
Fiber Type	BIF SM G.657.A2
Storage	-40 °C to 80 °C (-40 °F to 176 °F)
Installation	-30 °C to 80 °C (-22 °F to 176 °F)
Operation	-40 °C to 80 °C (-40 °F to 176 °F)
Max. Dynamic Tensile Strength	800 N
Max. Static Tensile Strength	600 N
Max. Dynamic Crush Resistance	5000 N
Max. Static Crush Resistance	3000 N
Min. Dynamic Bend Radius	20D
Min. Static Bend Radius	10D
Nominal Outer Diameter	6.0 mm
Weight	55 kg/km
Stainless Steel Tube Outer Diameter	4.4 mm
Stainless Steel Tube Inner Diameter	3.2 mm
Wavelengths/Max. Attenuation	1310   ≤ 0.35dB/km G1550   ≤ 0.25dB/km
Fiber core/cladding diameter	9/125 um
Fiber Count	Six (6)
Water Block	Dry Block Tape
Kevlar	1000dtex
Maximum Data Rate	Up to 100 GB
NEC Rating	OFCP