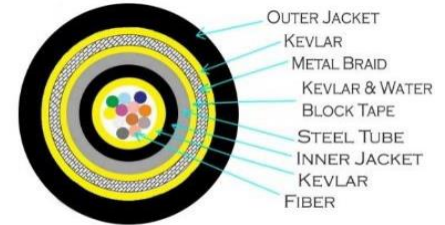
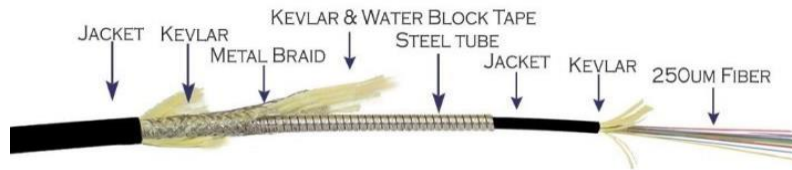


## Micro Armor Fiber™ The Original Stainless Steel Armor MultiMode 12 Core 250um OM1 Armored Indoor/Outdoor Polyurethane Fiber Optic Cable Model # TF12-OM1-PU

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: PU  
Color: Black  
Outer Diameter: 5.5 mm

250um color coded fiber, Kevlar/Water block  
yarn, Inner Jacket, Steel tube, Outer Jacket

### TiniFiber® Micro Armor Fiber™ Key Features

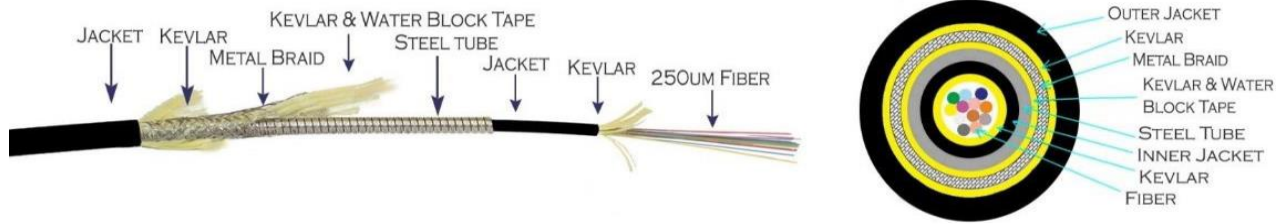
Feature	Benefits
<b>Micro Armor Fiber™</b>	<ol style="list-style-type: none"> <li>The smallest OD of any armor compared to conventional optical fiber cable in size and flexibility</li> <li>Lightest and smallest armor makes routing and installation faster and easier</li> <li>Cables are up to 65% smaller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

### Competitive Product Analysis

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

## Micro Armor Fiber™ The Original Stainless Steel Armor MultiMode 12 Core 250um OM1 Armored Indoor/Outdoor Polyurethane Fiber Optic Cable Model # TF12-OM1-PU

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



### General Specification

Application	Indoor/Outdoor Premise, Duct, Conduits and Patch
Fiber Category	MultiMode (OM1)
Fiber Make	Corning InfiniCor OM1
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	5.5 mm
Weight	45 kg/km
Stainless Steel Tube Outer Diameter	3.5mm
Stainless Steel Tube Inner Diameter	2.8 mm
Wavelengths/Max. Attenuation	850 nm/<3.0dB/km, 1300 nm/<1.0dB/km
Fiber core/cladding diameter	62.5/125 um
Fiber Count	Twelve (12)
Water Block	Dry Block Tape
Kevlar	2x1100dtex
Maximum Data Rate	1 GB
NEC Rating	OFC