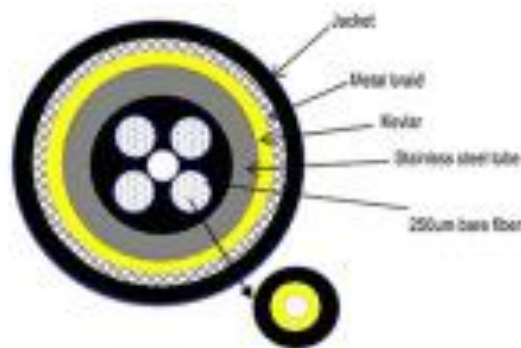
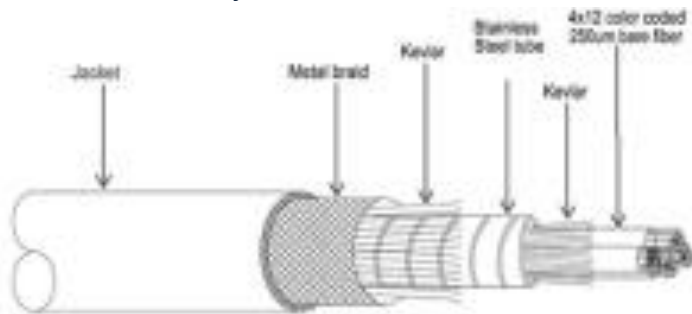


Micro Armor Fiber™ The Original Stainless Steel Armor Single Mode 48 Fiber OS2 Armored Indoor/Outdoor Plenum Fiber Optic Cable Model #TF48-OS2-PLO

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 application: Telco, CATV, LAN, SAN, Broadcast, DAS, Communication, Security, Indoor, Outdoor and Aerial installations.



Outer Jacket
Material: Plenum Rated
Color: Black
Outer Diameter: 10.5mm

4*12F 250mm Fiber, Kevlar, Steel Tube, Metal Braiding, Outer Jacket (Black) UL/OFCP

TiniFiber® Micro Armor Fiber™ Key Features

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

Competitive Product Analysis

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

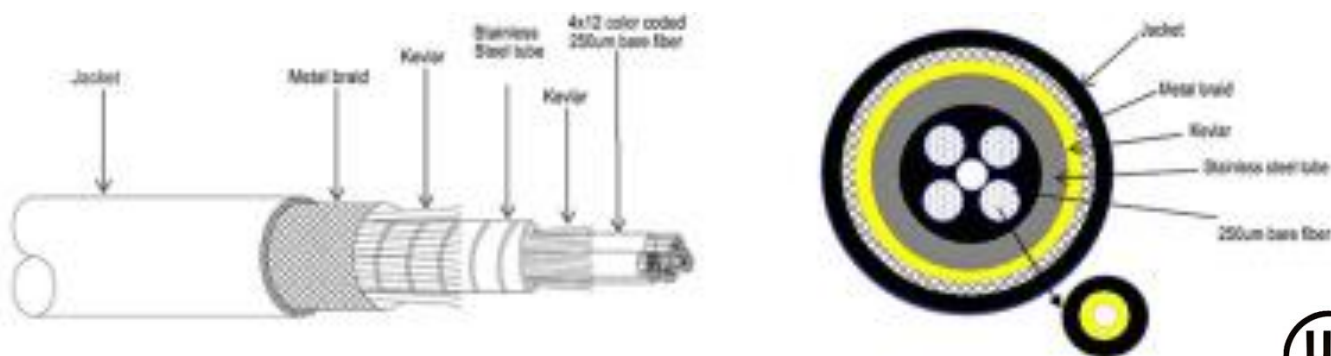
Micro Armor Fiber™ The Original Stainless Steel Armor

Single Mode 48 Fiber OS2 Armored Indoor/Outdoor Plenum Fiber Optic Cable

Model #TF48-OS2-PLO

Common Installations: Ducts, conduits and indoor/outdoor when installed according to NEC® Article 770

Design and Test Criteria: ANSI/ICEA S-87-640



General Specifications

Application	Indoor/Outdoor Premise, Duct, Conduits and Patch
Fiber Category	Single Mode (OS2)
Fiber	Clear Curve Bend Insensitive
Storage	-20 °C to 80 °C (-4 °F to 158 °F)
Installation	-10 °C to 60 °C (14 °F to 140 °F)
Operation	-20 °C to 70 °C (-4 °F to 158 °F)
Max. Dynamic Tensile Strength	300 N
Max. Static Tensile Strength	600 N
Max. Dynamic Crush Resistance	5000 N
Max. Static Crush Resistance	3000 N
Min. Dynamic Bend Radius	110 mm/ 4.3 in
Min. Static Bend Radius	55 mm/ 2.2 in
Nominal Outer Diameter	10.5 mm
Weight	55 kg/km
Stainless Steel Tube Outer Diameter	8.0 mm
Stainless Steel Tube Inner Diameter	7.5 mm
Wavelengths/Max. Attenuation	1310 ≤ 0.4dB/km 1550 ≤ 0.3dB/km
Fiber Core/Cladding diameter	9/125 mm
Fiber Count	48
Steel Braid/Water Block	Yes/Yes
Kevlar	1100dtex
Maximum Data Rate	Up to 100 GB
NEC Rating	OFCP