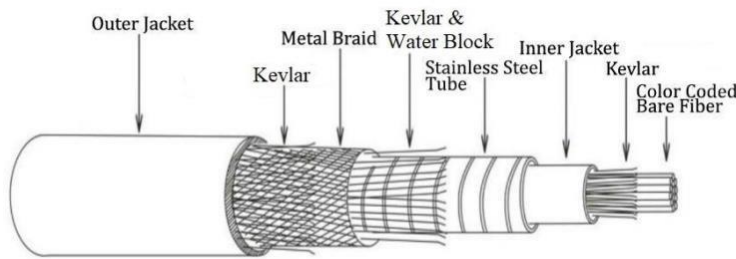
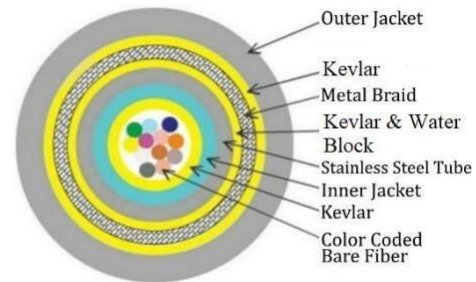


Micro Armor Fiber™ The Original Stainless Steel Armor Single Mode 24 Fiber 250mm Indoor/Outdoor Armored Plenum Fiber Optic Cable Model #TF24-OS2-PLO

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: 6.5mm



250mm Color Coded Fiber, Steel Tube,
Kevlar, Water Block Yarn, Metal Braid,
Outer Jacket (Black) UL/OFCP

TiniFiber® Micro Armor Fiber™ Key Features

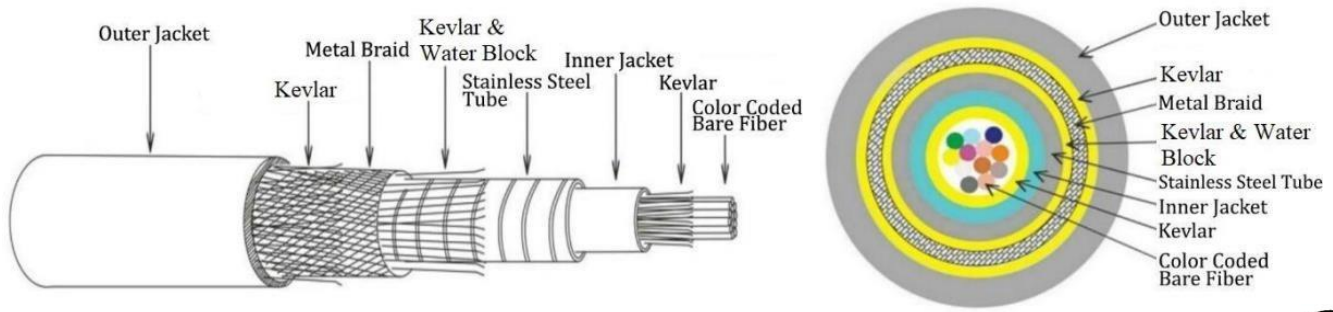
| Feature | Benefits |
|---|--|
| Micro Armor Fiber™ | 1. The smallest OD of any armor compared to conventional optical fiber cable in size and flexibility 2. Lightest and smallest armor makes routing and installation faster and easier 3. Cables are up to 65% smaller and 75% lighter than conventional Aluminum Interlocking Armor (AIA) |
| Encased Stainless Steel Coiled Tubular Armor | 1. Provides the strongest armor with smallest bend radius and designed for all indoor & outdoor conditions 2. Crush and rodent resistance |
| Outer Jackets | 1. All jackets and colors for Riser, Plenum, Indoor/Outdoor, LSZH, Burial & Industrial projects |
| Multimode/Single Mode Fibers | 1. OS2, OM1, OM3, OM4 from 1 to 144 Fibers (250m/900m/Ribbon) 2. Compatible with all standard connectors |
| Kevlar | 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 24 Fiber 250mm Indoor/Outdoor Armored Plenum Fiber Optic Cable Model #TF24-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 | -40 °C to 40 °C (-40 °F to 176 °F) |
| Installation | -30 °C to 80 °C (-22 °F to 176 °F) |
| Operation | -40 °C to 40 °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 | 110 mm/ 4.3 in |
| Min. Static Bend Radius | 55 mm/ 2.2 in |
| Nominal Outer Diameter | 6.5 mm |
| Weight | 60 kg/km |
| Stainless Steel Tube Outer Diameter | 4.0 mm |
| Stainless Steel Tube Inner Diameter | 3.4 mm |
| Wavelengths/Max. Attenuation | 1310 ≤ 0.4dB/km 1550 ≤ 0.3dB/km |
| Fiber Core/Cladding Diameter | 9/125 mm |
| Fiber Count | 24 |
| Steel Braid/Water Block | Yes/Yes |
| Kevlar | 1000dtex |
| Maximum Data Rate | Up to 100 GB |
| NEC Rating | OFCP |