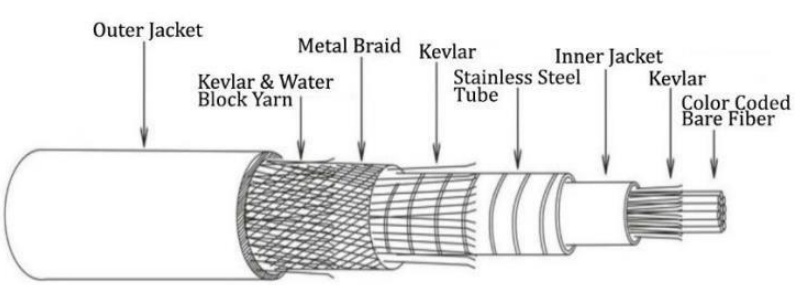
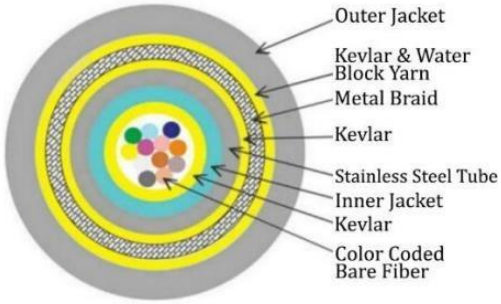
# Micro Armor Fiber™ The Original Stainless Steel Armor
# Multimode 24 Fiber 250mm OM4 Armored Polyurethane Fiber Optic Cable
# Model #TF24-OM4-PU

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




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

**250mm Color Coded Fiber, Kevlar, Water Block Yarn, Steel Tube, Outer Jacket (Black)**
**UL/OFCR**

## 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<br>2. Lightest and smallest armor makes routing and installation faster and easier<br>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<br>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)<br>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** | ✓ | | ✓ |

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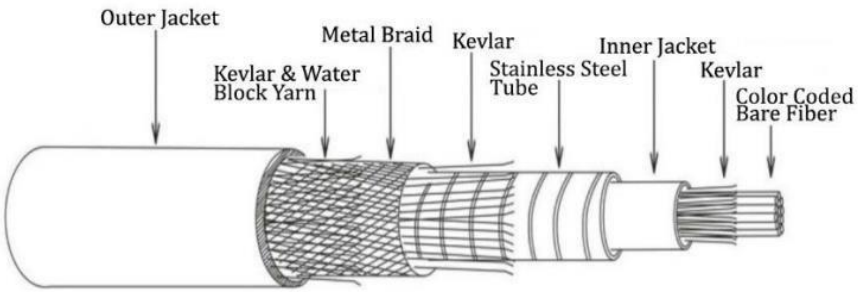
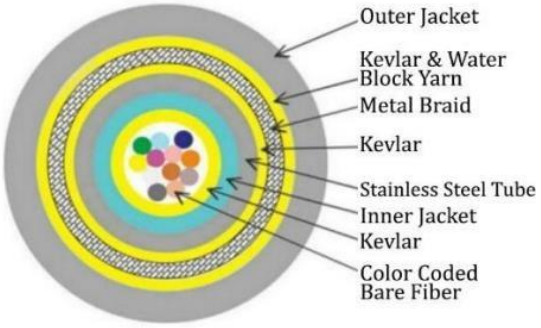
**Common Installations:** Ducts, conduits, and indoor/outdoor when installed according to NEC® Article 770
**Design and Test Criteria:** ANSI/ICEA S-87-640




UL® LISTED

## General Specifications

| | |
|---|---|
| Application | Indoor/Outdoor Premise, Duct, Conduits, and Patch |
| Fiber Category | Multimode (OM4) |
| Fiber | Clear Curve Bend Insensitive |
| Storage | -40 °C to 80 °C (-4 °F to 158 °F) |
| Installation | -30 °C to 80 °C (-10 °F to 140 °F) |
| Operation | -40 °C to 80 °C (-4 °F to 158 °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 | 6.0 mm |
| Weight | 45 kg/km |
| Stainless Steel Tube Outer Diameter | 4.2 mm |
| Stainless Steel Tube Inner Diameter | 3.6 mm |
| Wavelengths/Max. Attenuation | 1300 \| ≤ 1.5dB/km 850 \| ≤ 3.0 dB/km |
| Fiber Core/Cladding Diameter | 50/125 mm |
| Fiber Count | 24 |
| Steel Braid/Water Block | Yes/Yes |
| Kevlar | 1000dtex |
| Maximum Data Rate | 40 GB |
| NEC Rating | OFCR |