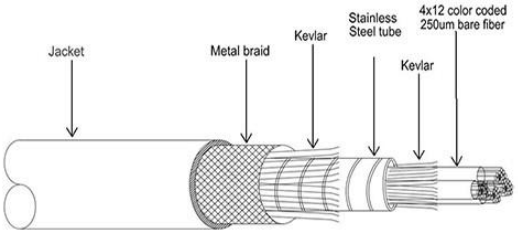
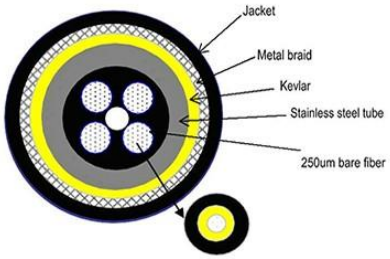
Micro Armor Fiber™ The Original Stainless Steel Armor
MultiMode 48 Core 250um OM3 Armored Plenum Fiber Optic Cable
Model # TF48-OM3-PL

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: Aqua
Outer Diameter: 10.5mm

4*12F 250um Fiber, Kevlar, Steel Tube, Kevlar, Metal Braiding, Outer Jacket, 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 maximum bend radius and designed for all indoor & outdoor conditions 2. Crush and rodent resistant
Outer Jackets	1. All jackets and colors for Riser, Plenum, Indoor/Outdoor, LSZH, Burial & Industrial projects
MultiMode/SingleMode Strands	1. OS2, OM1, OM3,OM4 from 1 to 144 Strands (250u/900u/Ribbon) 2. Compatible with all standard connectors
Kevlar Fiber Strands	1. Adds tensile strength and flexibility

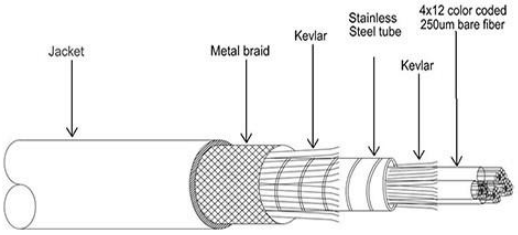
Competitive Product Analysis

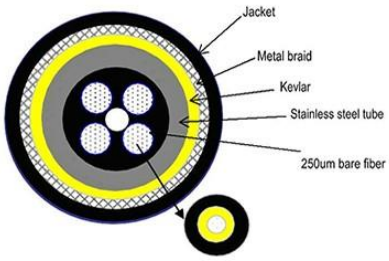
Feature	Micro Armor Fiber™	Aluminum Interlock Armor (AIA)	Conventional Fiber Cable Jacket
Maximum Bend Radius	✓✓		✓✓
Smallest OD With Armor	✓✓		
Lightest Armor Fiber	✓✓		
Strongest Armor Fiber	✓✓	✓✓	
Lowest Installation Cost	✓✓		✓✓

Contact: Sales@LANshack.com or Call 888-568-1230

Micro Armor Fiber™ The Original Stainless Steel Armor
MultiMode 48 Core 250um OM3 Armored Plenum Fiber Optic Cable
Model # TF48-OM3-PL

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





General Specifications

Application	Indoor Premise, Duct, Conduit and Patch
Fiber Category	Multimode (OM3)
Fiber Make	Corning ClearCurve OM3
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	10.5 mm
Weight	150 kg/km
Stainless Steel Tube Outer Diameter	8.0 mm
Stainless Steel Tube Inner Diameter	7.5 mm
Wavelengths/Max. Attenuation	850 nm/<3.0dB/km, 1300 nm/<1.0dB/km
Fiber core/cladding diameter	50/125 um
Fiber Count	Forty-Eight (48)
Steel Braid/Water Block	Yes/No
Kevlar	1000dtex
Maximum Data Rate	40 GB
NEC Rating	OFCP