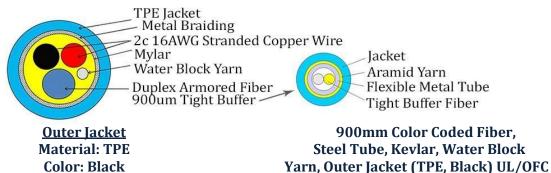


Micro Armor Fiber™ The Original Stainless Steel Armor Single Mode 2 Fiber 900mm OS2 with 2x16 AWG Conductors Model #PTF2-OS2-16/2

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 as well as Aerial installations.



TiniFiber® Micro Armor Fiber™ Key Features

Outer Diameter: 9.0mm

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	1. Provides the strongest armor with smallest bend radius and designed for		
Tubular Armor	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	1. OS2, OM1, OM3, OM4 from 1 to 144 Fibers (250m/900m/Ribbon)		
Fibers	2. Available in all standard connectors		
Kevlar	1. Adds tensile strength and flexibility		
Fiber PLUS Power	1. Install one cable with power to the device (cameras) and avoid piping &		
	lower labor cost		
	2. The "Power Cables" can be 2, 3 or 4 conductors with 12 AWG to 22 AWG options		

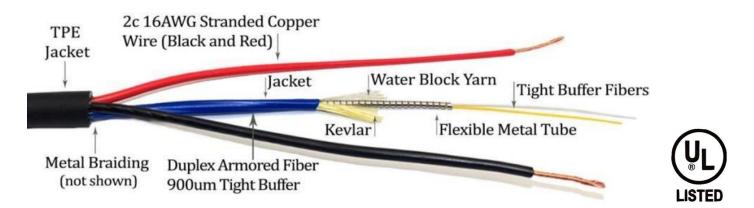
Competitive Product Analysis

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



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



General Specifications

Application	Outdoor Premise, Duct, Conduits, Riser and Patch
Fiber Category	Single Mode (OS2)
Fiber	Clear Curve Bend Insensitive
Storage	-60 °C to 70 °C (-76°F to 158 °F)
Installation	-60 °C to 70 °C (-76 °F to 158 °F)
Operation	-60 °C to 70 °C (-76 °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	9.0 mm
Weight	120 kg/km
Stainless Steel Tube Outer Diameter	2.2 mm
Stainless Steel Tube Inner Diameter	1.9 mm
Wavelengths/Max. Attenuation	1310 ≤ 0.35dB/kmG1550 ≤ 0.25dB/km
Fiber Core/Cladding Diameter	9/125 mm
Fiber Count	2
# Conductors x Gauge	2 x 16 AWG
Steel Braid/Water Block	Yes/Yes
Kevlar	1000dtex
Maximum Data Rate	Up to 100 GB
NEC Rating	OFC