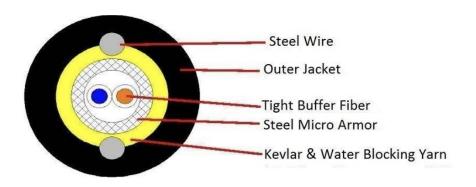


Micro Armor Fiber™ The Original Stainless Steel Micro Armor Single Mode 2 Fiber Armored OS2 Outdoor/ Direct Burial Polyethylene Model #TF2SW-OS2-PE

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.



Outer Jacket Material: PE Color: Black

Outer Diameter: 2.8mm

TiniFiber® Micro Armor Fiber™ Key Features

Feature	Benefits	
Micro Armor Fiber™	 The smallest OD of any armor compared to conventional optical fiber cable in size and flexibility Lightest and smallest armor makes routing and installation faster and easier Cables are 65% smaller and 75% lighter than conventional Aluminum Interlocking Armor (AIA) 	
Encased Stainless Steel Coiled Tubular Armor	 Provides that strongest armor with smallest bend radius and designed for all indoor & outdoor conditions Crush and rodent resistance 	
Outer Jackets	1. All jackets and colors for Riser, Plenum, Indoor/Outdoor, LSZH, Burial & Industrial projects	
Multimode/Single Mode Fibers Kevlar	 OS2, OM1, OM3, OM4 from 1 to 144 Fibers (250m/900m/Ribbon) Compatible with all standard connectors Adds tensile strength and flexibility 	

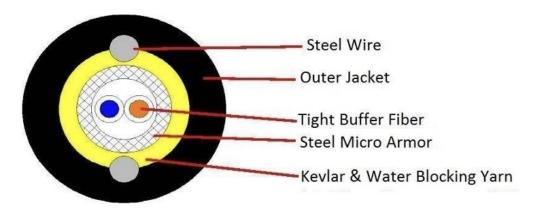
Competitive Product Analysis

Feature	Micro Armor Fiber™	Aluminum Interlock Armor (AIA)	Conventional Fiber Cable Jacket
2 12 12	 	Ailloi (AIA)	Tibel 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 outdoor when installed according to NEC® Article 770 **Design and Test Criteria:** ANSI/ICEA S-87-640





General Specifications

Application	Outdoor, Ducts, Direct Burial and Conduit	
Fiber Category	Single Mode (OS2)	
Fiber	Clear Curve Bend Insensitive	
Storage	-20 °C to 70 °C (-76 °F to 158 °F)	
Installation	-10 °C to 60 °C (14 °F to 140 °F)	
Operation	-20 °C to 70 °C (-76 °F to 158 °F)	
Max. Dynamic Tensile Strength	400 N	
Max. Static Tensile Strength	800 N	
Max. Dynamic Crush Resistance	500 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	2.8 mm	
Weight	37 kg/km	
Stainless Steel Tube Outer Diameter	1.7 mm	
Stainless Steel Tube Inner Diameter	1.4 mm	
Wavelengths/Max. Attenuation	1310 nm/<0.4dB/km, 1550 nm/<0.3dB/km	
Fiber Core/Cladding Diameter	9/125 mm	
Fiber Count	2	
Steel Braid/Water Block	Yes/Yes	
Kevlar	1100dtex	
Maximum Data Rate	100 GB	
NEC Rating	OFC	