



CUSTOMCABLE

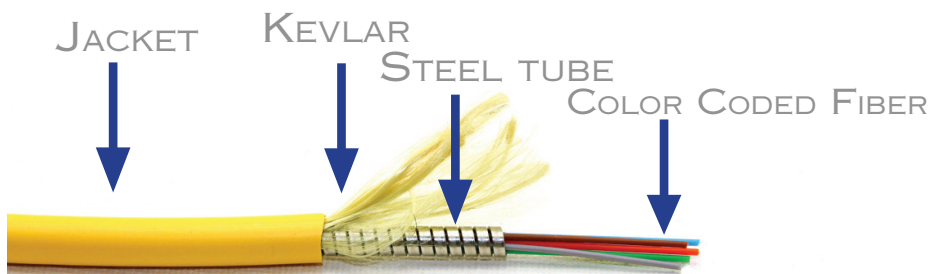
AN MFLIGHTWAVE COMPANY



Micro-Armored fiber cable provides maximum protection and unbelievable flexibility. The Micro Armored Fiber Cable incorporates a tightly wrapped stainless steel coil design to provide the lightest, strongest and most flexible solution.

MICRO ARMOR QUICK FACTS

- Micro armored fiber is approximately 65% smaller and 75% lighter than typical Aluminum Inerlocking Armored cable
- Smallest OD and high flexibility allows for easy installation into tight pathways, risers and bends
- Use for FTTH, FTTC, Data Center, Tactical, Industrial, Military, Government IT, Security, Broadcast
- Available in Singlemode OS2, OM1, OM3 and OM4 from 1 to 144 Strands (250u/900u/Ribbon)
- Hybrid constructions include multiple glass and fiber counts and up to (4) 12 to 22 AWG conductors for DAS or Security / Camera applications
- Jacket options: Riser, Plenum, Indoor/Outdoor, LSZH, Direct Burial, Industrial and Harsh Environments
- Multi-strand pre-termination is available with FullAXS[®], ODC[®], MTP/MPO[®], LC, SC, E2000[™], IP, etc...
- Corning ClearCurve[™] and InfiniCore[™] fiber



Note:

ClearCurve[™] - Corning, InfiniCore[™] - Corning, MTP[®] - USCONEC,
ODC[®] - Huber & Suhner, FullAXS[®] - TE Connectivity, E2000[™] - Diamond



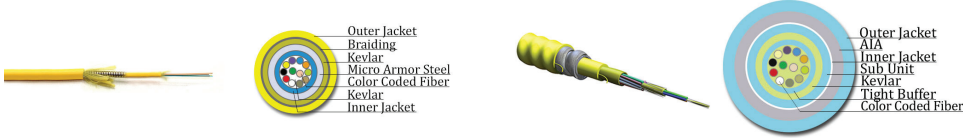
DATA SHEET

Micro-Armored
Fiber Optic Cable



MICRO ARMOR FIBER VS. ALUMINUM INTERLOCKING ARMOR

Smaller Size, Less Weight, Smaller Bend Radius



Fiber Count	Diameter	Weight*	Bendable Armor
12	5.5 mm	99.20 lbs.	10.00 XD

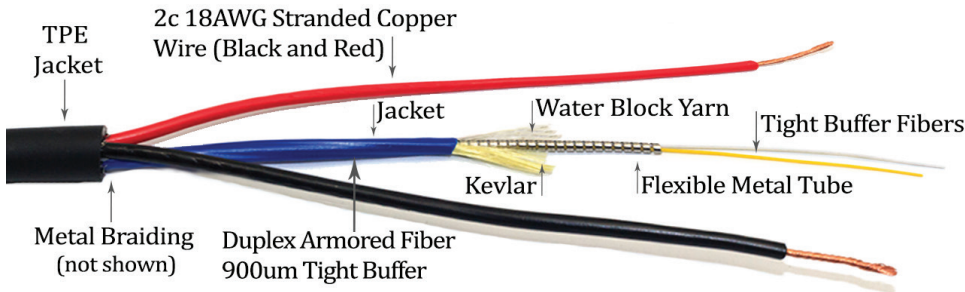
Fiber Count	Diameter	Weight*	Bendable Armor
12	13.90 mm	395 lbs.	20.00 XD

*12 Strands - Based on 1000 feet - calculations do not include the actual weight of the reel



DATA SHEET

HYBRID FIBER & POWER SOLUTIONS



Micro-Armored
Fiber Optic Cable

TYPICAL SPECIFICATIONS

Fiber Type	Single Mode Corning Clear Curve
	Multimode Corning Clear Curve OM3 / OM4
Jack Type	Riser, Plenum, I/O, LSZH, Industrial
Operation	-40C to 80C (-40F to 176F)
Maximum Tensile Strength	Dynamic 800 N (179 lbf) - Static 600 N (134 lbf)
Maximum Crush Resistance	5000 N (1124 lbs) / per 100 mm (3.93 inches)
Wavelengths / Max Attenuation Singlemode	1310nm / <0.35dB/km, 1550nm / <0.25dB/km
Wavelengths / Max Attenuation OM3/OM4	850nm / <3.0dB/km, 1300nm / <1.0dB/km

CALL OR CLICK TODAY TO LEARN HOW SMALL, FLEXIBLE AND STRONG MICRO-ARMORED FIBER IS!