

Indoor / Outdoor FO Cable

Single mode MLT with Central Steel Wire

Description

DME PROLINK's Indoor Outdoor MLT FO Cable is designed and manufactured to the highest standards. Available as Single-mode (G.652D compliant), it provides essential strength and protection for Fiber in Outdoor FTTx deployment.

Features & Benefits

- ✓ Suitable for Indoor and Outdoor applications
- ✓ Compact Figure & Easy to Install
- ✓ Central Steel Wire
- ✓ Available as G.652D
- ✓ 245µm Primary Coating
- ✓ Outer Sheath LSZH
- ✓ Predictable lifetime of 30 years
- ✓ Designed as per Etisalat Requirement for FTTH Deployments and applications.
- ✓ 2 Layers of Polyester Tape
- ✓ Aramid Yarn and WS Tape

Outer Sheath (LSZH)

Aramid Yarn

W.S. Tape

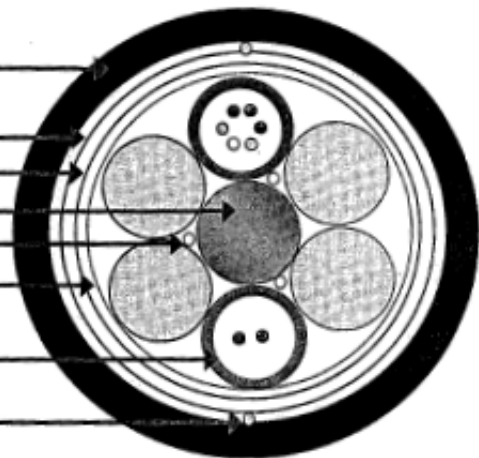
Steel Wire

W.S. Yarn

Polyester Tape * 2 Layers

Loose Tube with Fibers

Rip Cord



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Optical Characteristics	Values
Attenuation @1310nm	≤ 0.36 dB/Km
Attenuation @1550nm	≤ 0.22 dB/Km
Chromatic Dispersion 1285-1330nm	≤ 3.5 ps/nm.km
@1550nm	≤ 18.0 ps/nm.km
Zero Dispersion Wavelength	1300 to 1324 nm
Zero Dispersion Slope	≤ 0.092 ps/nm ² .km
Cut Off Wavelength	≤ 1260 nm
Polarization Mode Dispersion	≤0.2 ps/√km
Mode Field Diameter @ 1310nm	9 ± 0.4 μm
Core-Clad Concentricity Error	≤ 0.5 μm
Cladding Non Circularity	≤ 1.0%
Cladding Diameter	125 ± 1.0 μm
Coating Diameter	245 ± 10 μm



Technical Assistance
Middle East - +971 (4) 8118000
www.ecsglobalwire.com



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Mechanical Characteristics	
Max. Tensile Strength	2400 Newton
Crush Resistance	2000 Newton / 100 mm
Minimum Bending Radius	230mm
Environmental Characteristics	
Max. Operating / Installation Temperature	-10°C to +70°C
Physical Construction	
No. of Fibers	8F, 16F, 24F
Type of Fiber	SM G.652D
Strength Member	Central Steel Wire & Aramid Yarn
Outer Sheath Material	LSZH
Outer Sheath Thickness	1.6mm Nominal
Cable Diameter	11.5 ± 0.6 mm
Standard Length	1 ± 10% Km



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TECHNICAL DATA D11117-IO n F 7 s BK

D	1	1	1	7	-	IO	n	F	m	s	c	
							n	No of Fiber Strands				
							8	8 Fiber				
							16	16 Fiber				
							24	24 Fiber				
							48	48 Fiber				
							m	Mode				
							6	OS1				
							7	OS2				
							s	Specification				
							2D	G.652D				
							7A	G.657A				
							c	Sheath Color				
							BK	Black				



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D11117-IONF7sBK

TECHNICAL DATA

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