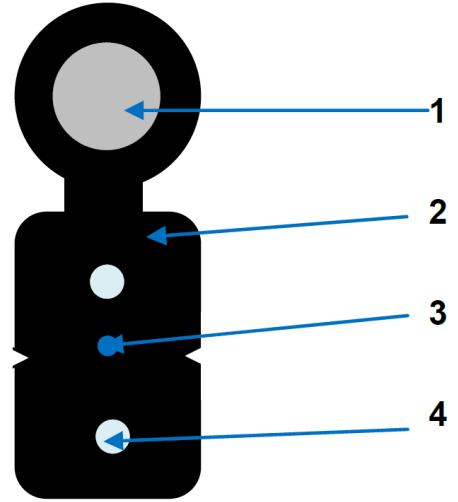
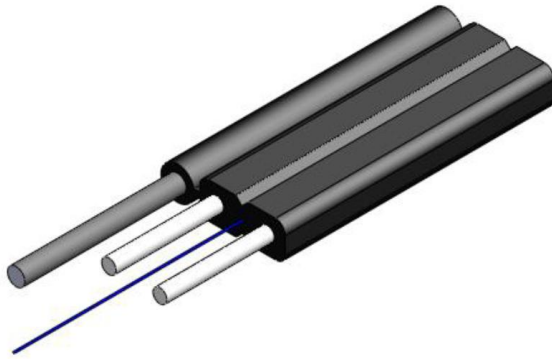


Outdoor Drop (OD) Fiber Single-mode Outdoor Flat FTTH cable



1. Messenger (**Galvanized Steel Wire**)
2. Outer Sheath (**Black Low Friction LSZH**)
3. Fiber – **1 or 2 or 4**
4. Strength Member (**Steel Wire**)

Description

DME PROLINK's Outdoor Drop Fiber cable is designed and manufactured to the highest standards. Available as Single-mode, it provides the bend-insensitivity and robustness essential to a successful FTTx deployment

The Steel Wire Armor strength member offers more than adequate strength to pull long lengths of this cable while significantly reducing the weight of the cable.

DME PROLINK's Outdoor Drop Fiber cable is approved by Service Providers.

Features & Benefits

- ✓ Suitable for Outdoor Connections to home / Villas
- ✓ Compact Figure & Easy to Install
- ✓ Small Size and Light Weight
- ✓ Steel strength-member
- ✓ 250µm Primary Coating
- ✓ LSZH
- ✓ Predictable lifetime of 30 years
- ✓ Designed as per Service Providers Requirement for FTTH Deployments and applications.

Outdoor Drop (OD) Fiber

Single-mode Outdoor Flat FTTH cable

D114x-ODnFmcs

TECHNICAL DATA

Parameter	Remark
Fiber Type	Single mode G657A1 G657A2 G657B2 G657B3
Fiber Count	1 or 2 or 4
Strength Member	Steel Wire – 2 Nos. + 1 Steel Messenger
Sheath Material	LSZH
Sheath Color	Black
Cable Diameter	Width:5.0mm ± 5%; Height: 2.0mm ± 5%
Mode Field Diameter @ 1310nm	8.6 ± 0.4μm
Cladding Diameter	125 ± 1μm
Core-Clad Concentricity Error	≤0.6μm
Cladding Non-Circularity	≤1.0%
Primary Coating Diameter	245 ± 7μm

ITU Standards:

The ITU defines 4 classes of G657 fibre as below:

- G657A1 –10mm minimum bend radius, other specs as G652
- G657A2 –7.5mm minimum bend radius, other specs as G652
- G657B2 –7.5mm minimum bend radius, other specs may deviate from G652
- G657B3 –5mm minimum bend radius, other specs may deviate from G652



Technical Assistance
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TECHNICAL DATA

Parameter		Performance
Attenuation after cabling	@ 1310nm	≤0.40 dB/km
	@ 1383nm	≤0.33 dB/km
	@ 1550nm	≤0.30 dB/km
Chromatic Dispersion	@ 1310nm	≤3.5 ps/nm.km
	@ 1550nm	≤18 ps/nm.km
Zero Dispersion Wave-length		1300 to 1324nm
Zero Dispersion Slope		0.092 ps/nm ² .km
Polarization Mode Dispersion		≤0.20 ps/√km
Cable Cut off Wavelength		≤1260nm
Environmental Characteristics		
Storage / Operating Temperature	-10°C ~ +70°C	
Mechanical Characteristics		
Cable Minimum Dynamic Bending Radius	30 mm	
Cable Minimum Static Bending Radius	15 mm	
Tensile Strength – Short Term	500 N	
Crush Resistance – Short Term	2200 N/100mm	
Crush Resistance – Long Term	1000 N/100mm	
Cable Weight	24 Kg/Km ± 10 %	



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Outdoor Drop (OD) Fiber

Single-mode Outdoor Flat FTTH cable

D	1	1	4	x	-	O	D	n	F	m	c	s
x				Pin assigned by ECS								
0-9				Inventory Management Index								
n				No of Fiber Strand								
1				1								
2				2								
4				4								
m				Mode								
6				OS1								
7				OS2								
c				Sheath Color								
BK				Black								
s				Specification								
2D				G.652D								
7A1				G.657A1								
7A2				G.657A2								
7B2				G.657B2								
7B3				G.657B3								

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Outdoor Drop (OD) Fiber Single-mode Outdoor Flat FTTH cable

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TECHNICAL DATA

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