

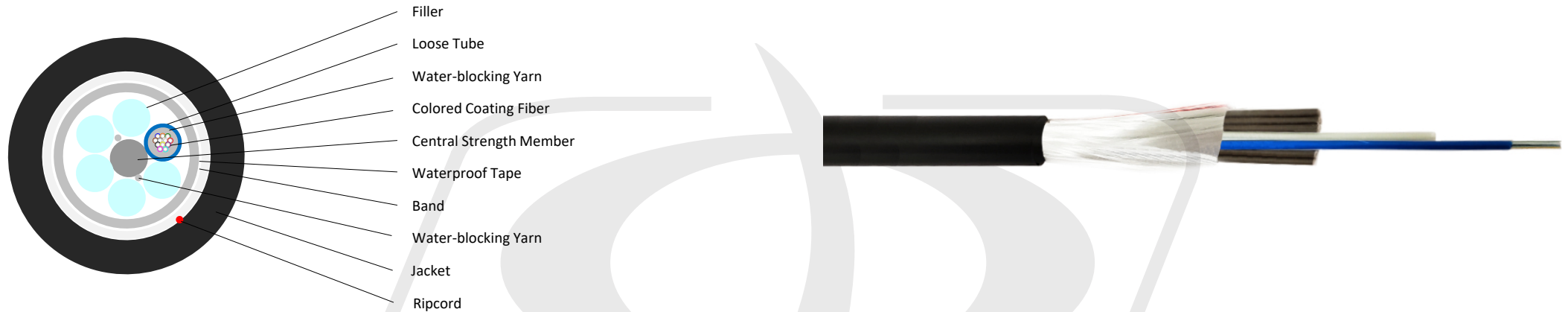


Singlemode (G657A2) Loose Tube Outdoor Duct/Lashed Aerial Fiber Optic Cable (per meter) - Black

BK-FxxO-SM-LT - Specifications

Description

This bulk loose tube fiber cable is outdoor rated. It is OSP rated for outside plant environments. Its loose tube design offers reliable transmission performance over a broad temperature range. Optical fibers and water-blocking elements are placed inside gel-free buffer tubes. This cable provides high fiber density, can be used for multiple network applications, reduces cable installation time, reduces number of tools required, speeds fiber access/cleanup and dielectric design eliminates grounding issues.



Physical Characteristics

Color	Black
Fiber Optic Type	OSP Loose Tube Singlemode Outdoor Duct/Lashed Aerial Cable
Color Coating Fiber	Dimension: 250µm±15µm Color: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Purple, Pink, Aqua
Jacket	Material: PE Outer Jacket Dimension: 10.2mm±0.5mm
Loose Tube	Dimension: 2.0mm±0.1mm Material: PBT Color: Blue
Filler	Dimension: 2.0mm±0.1mm Material: PP Color: Natural
Central Strength Member	Diameter: 2.0mm Material: FRP

Strength Member Material	Glass Yarn
Fiber Count	6-Strand, 12-Strand
Tension (Long Term)	890 N 2700 N 300
Tension (Short Term)	N/10cm
Crush (Long Term)	1000 N/10cm
Crush (Short Term)	20D mm
Min Bending Radius (Dynamic)	10D mm
Min Bending Radius(Static)	
Operating Temperature	-40 deg C ~ +70 deg C
Storage Temperature	-40 deg C ~ +70 deg C
Installation Temperature	-30 deg C ~ +70 deg C

Packaging Information

Product Weight 0.8 lbs

Compliance:
Telcordia® GR-20-CORE
IEC 60794-1-21
RoHS
REACH



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Fiber Parameters

No.	Items	Unit	Specification	
			G.657A2	
1	Mode Field Diameter	1310nm	μm	8.6 ± 0.4
		1550nm	μm	9.6 ± 0.5
2	Cladding Diameter	μm	125.0 ± 0.7	
3	Cladding Non-Circularity	%	≤ 0.7	
4	Core-Cladding Concentricity Error	μm	≤ 0.5	
5	Coating Diameter	μm	245 ± 5	
6	Coating Non-Circularity	%	≤ 6.0	
7	Cladding-Coating Concentricity Error	μm	< 12.0	
8	Cable Cutoff Wavelength	nm	$\lambda_{cc}\leq 1260$	
9	Attenuation(max.)	1310nm	dB/km	≤ 0.4
		1550nm	dB/km	≤ 0.3
10	Macro-Bending Loss	1turn \times 7.5mm radius @1550nm	dB	≤ 0.5
		1turn \times 7.5mm radius @1625nm	dB	≤ 1.0

Jacket Printing: BK-F6O-SM-LT

Phantom Cables OPTICAL CABLE BK-F6O-SM-LT MM-YY(telephone symbol) 6F SM Plus Corning ClearCurve LBL G657A2 XXXXXXXX(serial number) 000000M

Jacket Printing: BK-F12O-SM-LT

Phantom Cables OPTICAL CABLE BK-F12O-SM-LT MM-YY(telephone symbol) 12F SM Plus Corning ClearCurve LBL G657A2 XXXXXXXX(serial number) 000000M