



Product: [FD1B006LB](#) 

Indoor/Outdoor Breakout OM1 6 Fibers LSZH/OFNR Sub-Units 2.0mm

Product Description

FX Indoor/Outdoor, Breakout, OM1, 6 Fibers, LSZH/OFNR, Sub-Units 2.0mm, Black Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Breakout Cable
Suitable Applications:	Horizontal Backbone

Fiber Specifications

Fiber Type:	OM1
Fiber Core Diameter:	62.5/125 μm
Fiber Diameter:	250 μm
Fiber Buffer Diameter:	900 μm
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	6
Fibers Per Subunit:	1
Subunit Diameter:	0.078 in (2.0 mm)
Subunit Color:	TIA-598-D
Fiber SubUnit Strength Members:	Aramid yarns
Central Strength Member Type:	GRP
Core Wrap Material:	Water blocking tape

Outer Jacket Specifications

Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	0.410 in (10.4 mm)
Outer Jacket Color:	Black
Outer Jacket Ripcord:	1

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.5 dB/km	1.25 dB/km
10 Gigabit Ethernet Performance	33 m	--
Min. Overfilled Launch (OFL) Bandwidth	200 MHz.km	500 MHz.km

Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	2670 N (600 lbf)
Max. Tensile Strength During Operation:	800 N (180 lbf)
Crush Resistance:	440 N/cm

Bulk Cable Weight:	86 lbs/kft (128 kg/km)
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Temperature Range

Installation Temperature Range:	-10°C to +60°C
Operating Temperature Range:	-40°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL1666, UL 1685
NEC / UL Compliance:	OFNR-ST1
CEC / C(UL) Compliance:	OFNG-ST1
ICEA Compliance:	S-104-696
TIA/EIA Compliance:	568.3, 598-D
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.7 Revision Date: 04-08-2026
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Part Numbers

Variants

Item #	Color	Putup Type
FD1B006LB	Black	Reel

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