



Product: [FI1B006LBO](#) 

Indoor LSZH/Riser OM1 Breakout 6F LSZH 2mm Sub-Units Orange

Product Description
Indoor OM1 Breakout 6 Fibers LSZH Sub-Units (2.0mm) Orange Jacket

Technical Specifications

Product Overview

Suitable Applications:	Horizontal Backbone
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Fiber Specifications

Fiber Type:	OM1
Fiber Core Diameter:	62.5/125µm µm
Fiber Diameter:	250 µm
Buffer Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Buffer Diameter:	900 µm 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 Strength Members:	Aramid yarns
Central Strength Member:	Upjacketed GRP
Core Wrap:	Nomex Tape

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	0.358 in (9.1 mm)
Color:	Orange
Number of Ripcords:	2

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.25 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	300 m	550 m
10 Gigabit Ethernet Performance	33 m	--
Min. Restricted Mode Launch	220 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	200 MHz.km	500 MHz.km

Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD

Max. Tensile Strength During Installation:	1330 N (300 lbf)
Max. Tensile Strength During Operation:	400 N (90 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	20 lbs/kft (30 kg/km)

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
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	OFNR, FT4
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	ANSI/ICEA S-83-596

History

Update and Revision:	Revision Number: 0.78 Revision Date: 03-27-2024
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Part Numbers

Variants

Item #	Color	Putup Type	UPC
F11B006LBO	Orange	Reel	612825374251

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