



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 |
|------------------------|---------------------|

Fiber Specifications

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|----------------------|---|
| 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

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|----------------------------|-------------------|
| 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

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|---------------------------------------|--------------|
| 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

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|---------------------------------|----------------|
| 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 |
|----------------------|---|

Part Numbers

Variants

| Item # | Color | Putup Type | UPC |
|------------|--------|------------|--------------|
| F11B006LBO | Orange | Reel | 612825374251 |

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