



Product: [FI4B006LBA](#)

Indoor LSZH/Riser OM4 Breakout 6F LSZH 2mm Sub-Units Aqua

Product Description

Indoor OM4 Breakout 6 Fibers LSZH Sub-Units (2.0mm) Aqua Jacket

Technical Specifications

| | |
|--------------------|------------|
| Part Number: | FI4B006LBA |
| Construction Type: | Breakout |

Product Overview

| | |
|------------------------|--------|
| Environmental Space: | Indoor |
| Suitable Applications: | Indoor |

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM4 | 6 |

| | |
|---------------------|---|
| Fiber Color Coding: | Blue, Orange, Green, Brown, Gray, White |
|---------------------|---|

Buffer Specification

| Buffer Diameter |
|-----------------|
| 900 μ m |

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 50 lbs/1000ft |
|--------------------|---------------|

SubUnit Specifications

| | |
|---------------------|-------------------|
| Fibers Per Subunit: | 1 |
| SubUnit Diameter: | 0.078 in (2.0 mm) |

Outer Jacket

Outer Jacket Material

| Nominal Diameter |
|------------------|
| 0.36 in (9.1 mm) |

| | |
|---------------------|------|
| Color: | Aqua |
| Number of Ripcords: | 2 |

Optical Characteristics

| | |
|--|--------------------------|
| Effective Modal Bandwidth (EMB): | 4700 MHz-km / 500 MHz-km |
| Fiber Core Diameter: | 50/125 μ m |
| Max Attenuation at 1300 nm: | 1.2 dB/km |
| Max Attenuation at 850 nm: | 3.0 dB/km |
| Wavelength: | 850 nm / 1300 nm |
| 10 Gigabit Ethernet Performance: | 550 m / 300 m |
| 1 Gigabit Ethernet Performance: | - / 550 m |
| Min Overfilled Launch (OFL) Bandwidth: | 3500 MHz-km / 550 Mhz-km |

Mechanical Characteristics

Mechanical Tests

| Description | Requirement/Value |
|---|-------------------|
| Cable Min. Bend Radius Installation (Short Term) | 20x Cable OD |
| Cable Min. Bend Radius Operation (Long Term) | 10x Cable OD |
| Cable Max. Tensile Strength Installation (Short Term) | 105 N (465 lbf) |
| Cable Max. Tensile Strength Operation (Long Term) | 52 N (230 lbf) |

Temperature Range

| | |
|---------------------|--------------|
| Storage Temp Range: | -40C to +70C |
|---------------------|--------------|

Standards

| | |
|-----------------------|--------------------|
| UL Rating/Flame Test: | LSZH/Riser |
| NEC/(UL) Compliance: | OFNR |
| TIA/EIA Compliance: | ANSI/ICEA S-83-596 |
| RoHS: | Yes |

History

Variants

| Item # | Color | UPC |
|------------|-------|--------------|
| F14B006LBA | Aqua | 612825374466 |

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.58 Revision Date: 01-31-2020 |
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