



Part Number: FI4B002PBA

Indoor Plenum OM4 Breakout 2F 2mm Sub-Units Aqua

Product Description

Indoor OM4 Breakout 2 Fibers OFNP Sub-Units (2.0mm) Aqua Jacket

Technical Specifications

Product Overview

| | |
|------------------------|------------|
| Part Number: | FI4B002PBA |
| Construction Type: | Breakout |
| Environmental Space: | Indoor |
| Suitable Applications: | Indoor |

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM4 | 2 |

| | |
|---------------------|--------------|
| Fiber Type: | OM4 |
| Fiber Count: | 2 |
| Fiber Color Coding: | Blue, Orange |

Buffer Specification

| Fiber Type | Buffer Diameter |
|------------|-----------------|
| OM4 | 900 µm |

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 20 lbs/1000ft |
|--------------------|---------------|

SubUnit Specifications

| | |
|---------------------|----------|
| Fibers Per Subunit: | 1 |
| SubUnit Diameter: | 0.078 in |

Jacket Specifications

Outer Jacket Material

| Nominal Diameter |
|------------------|
| 0.23 in (5.8 mm) |

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

Optical Characteristics

| | |
|--|--------------------------|
| Effective Modal Bandwidth (EMB): | 4700 MHz-km / 500 MHz-km |
| Fiber Core Diameter: | 50/125µm |
| 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

| | |
|---|--------------|
| Min Bend Radius During Installation: | 20x Cable OD |
| Min Bend Radius During Operation: | 10x Cable OD |
| Max Tensile Strength During Installation: | 180 lbf |
| Max Tensile Strength During Operation: | 90 lbf |

Temperature Range

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

Standards

| | |
|-------------------------------|--------------------|
| UL Rating/Flame Test: | Plenum |
| NEC/(UL) Specification: | OFNP |
| Telecommunications Standards: | ANSI/ICEA S-83-596 |
| RoHS: | Yes |

History

Variants

| Item # | Color |
|------------|-------|
| F14B002PBA | Aqua |

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