



Product: [FI3B010RB](#)

Indoor Riser OM3 Breakout 10F 2mm Sub-Units Aqua

Product Description

FX Indoor OM3 Breakout 10 Fibers OFNR Sub-Units (2.0MM) Aqua Jacket

Technical Specifications

|                    |           |
|--------------------|-----------|
| Part Number:       | FI3B010RB |
| Construction Type: | Breakout  |

Product Overview

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

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM3        | 10          |

|                     |                                                                     |
|---------------------|---------------------------------------------------------------------|
| Fiber Color Coding: | Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet |
|---------------------|---------------------------------------------------------------------|

Buffer Specification

| Buffer Diameter |
|-----------------|
| 900 μm          |

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 88 lbs/1000ft |
|--------------------|---------------|

SubUnit Specifications

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

Outer Jacket

Outer Jacket Material

| Nominal Diameter  |
|-------------------|
| 0.45 in (11.4 mm) |

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

Optical Characteristics

|                                        |                          |
|----------------------------------------|--------------------------|
| Effective Modal Bandwidth (EMB):       | 2000 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:       | 300 m / 300 m            |
| 1 Gigabit Ethernet Performance:        | - / 550 m                |
| Min Overfilled Launch (OFL) Bandwidth: | 1500 MHz-km / 500 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) | 135 N (600 lbf)   |
| Cable Max. Tensile Strength Operation (Long Term)     | 67 N (300 lbf)    |

Temperature Range

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

Standards

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

History

Variants

| Item #    | Color | UPC          |
|-----------|-------|--------------|
| FI3B010RB | Aqua  | 612825369851 |

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.54 Revision Date: 01-31-2020 |
|----------------------|-------------------------------------------------|

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