



**Product:** [FI3B002RB](#)

Indoor Riser OM3 Breakout 2 Fibers

**Product Description**  
FX Indoor OM3 Breakout 2 Fibers OFNR Sub-Units (2.0MM) Aqua Jacket

**Technical Specifications**

**Product Overview**

|                        |                     |
|------------------------|---------------------|
| Suitable Applications: | Horizontal Backbone |
|------------------------|---------------------|

**Fiber Specifications**

|                      |                          |
|----------------------|--------------------------|
| Fiber Type:          | OM3                      |
| Fiber Core Diameter: | 50/125µm µm              |
| Fiber Diameter:      | 250 µm                   |
| Buffer Material:     | PVC - Polyvinyl Chloride |
| Buffer Diameter:     | 900 µm µm                |
| Fiber Count:         | 2                        |
| Fiber Color Coding:  | TIA-598-D                |

**Cable Construction**

|                            |                   |
|----------------------------|-------------------|
| Number of Active Subunits: | 2                 |
| Fibers Per Subunit:        | 1                 |
| Subunit Diameter:          | 0.078 in (2.0 mm) |
| Subunit Strength Members:  | Aramid yarns      |
| Central Strength Member:   | GRP               |
| Core Wrap:                 | Nomex Tape        |

**Outer Jacket Specifications**

|                     |                          |
|---------------------|--------------------------|
| Strength Member:    | Aramid Yarns             |
| Jacket Material:    | PVC - Polyvinyl Chloride |
| Nom. Diameter:      | 0.26 in (6.7 mm)         |
| Color:              | Aqua                     |
| Number of Ripcords: | 2                        |

**Optical Characteristics**

| Wavelength                             | 850 nm      | 1300 nm    |
|----------------------------------------|-------------|------------|
| Max. Attenuation                       | 3.0 dB/km   | 1.0 dB/km  |
| 1 Gigabit Ethernet Performance         | 1000 m      | 550 m      |
| 10 Gigabit Ethernet Performance        | 300 m       | --         |
| Min. Effective Modal Bandwidth (EMB)   | 2000 MHz.km | --         |
| Min. Overfilled Launch (OFL) Bandwidth | 1500 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:                         | 14 lbs/kft (21 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, Product Lens™, Environmental Product Declaration (EPD) Available |
| 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: 0.118 Revision Date: 11-09-2022 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #    | Color | UPC          |
|-----------|-------|--------------|
| F13B002RB | Aqua  | 612825369820 |

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