Belden

# Product: FI3B008RB

Indoor Riser OM3 Breakout 8F 2mm Sub-Units Aqua

## Product Description

FX Indoor OM3 Breakout 8 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 |
| Fiber Buffer Material: | PVC - Polyvinyl Chloride |
| Fiber Buffer Diameter: | 900 µm µm |
| Fiber Count: | 8 |
| Fiber Color Coding: | TIA-598-D |

### Cable Construction

| | |
|---|---|
| Number of Active Subunits: | 8 |
| Fibers Per Subunit: | 1 |
| Subunit Diameter: | 0.078 in (2.0 mm) |
| Fiber SubUnit Strength Members: | Aramid yarns |
| Central Strength Member Type: | Upjacketed GRP |
| Core Wrap Material: | Nomex Tape |

### Outer Jacket Specifications

| | |
|---|---|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.405 in (10.3 mm) |
| Outer Jacket Color: | Aqua |
| Outer Jacket Ripcord: | 2 |

### Mechanical Characteristics

| | |
|---|---|
| Minimum Bend Radius During Installation: | 15x Cable OD |
| Minimum 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: | 22 lbs/kft (33 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

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|---|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65, 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: 0.79 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | UPC |
|---|---|---|---|
| FI3B008RB | Aqua | Reel | 612825379652 |

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