Belden



# Product: FI3I002RB

Indoor Interconnect OM3 2 Fibers OFNR DX Cord 2.0mm (900µm)

## Product Description

FX Indoor, Interconnect, OM3, 2 Fibers, OFNR, DX Cord 2.0mm (900µm), Aqua Jacket

## Technical Specifications

### Product Overview

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|---|---|
| Product Category: | Fiber Interconnect Cable |
| Suitable Applications: | Short-distance indoor applications such as patching, inside cabinets, workstation equipment connections |

### Fiber Specifications

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

### Outer Jacket Specifications

| | |
|---|---|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.078 in x0.161 in |
| Outer Jacket Color: | Aqua |

### Mechanical Characteristics

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|---|---|
| Minimum Bend Radius During Installation: | 15x Cable OD |
| Minimum Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 220 N (50 lbf) |
| Max. Tensile Strength During Operation: | 67 N (15 lbf) |
| Crush Resistance: | 35 N/cm |
| Bulk Cable Weight: | 5 lbs/1000ft (7 kg/km) |

### Temperature Range

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|---|---|
| Installation Temperature Range: | 0°C to +60°C |
| Operating Temperature Range: | -20°C to +70°C |
| Storage Temperature Range: | -40°C to +70°C |

### Standards and Compliance

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|---|---|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL 1666, UL 1685, FT4 |
| NEC / UL Compliance: | OFNR |
| CEC / C(UL) Compliance: | OFNR |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | 598-D |

| | |
|---|---|
| Telcordia Compliance: | GR-409 |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment) |

## History

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|---|---|
| Update and Revision: | Revision Number: 0.78 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | UPC |
|---|---|---|---|
| FI3I002RB | Aqua | Reel | 612825288022 |

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