Belden




# Product: FISB018RB

Indoor Riser OS2 Breakout 18F 2mm Sub-Units Yellow

## Product Description

FX Indoor OS2 Breakout 18 Fibers OFNR Sub-Units (2.0MM) Yellow Jacket

## Technical Specifications

### Product Overview

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

### Fiber Specifications

| | |
|---|---|
| Fiber Type: | OS2 |
| Fiber Core Diameter: | 8.2/125µm µm |
| Fiber Diameter: | 250 µm |
| Fiber Buffer Material: | PVC - Polyvinyl Chloride |
| Fiber Buffer Diameter: | 900 µm µm |
| Fiber Count: | 18 |
| Fiber Color Coding: | TIA-598-D |

### Cable Construction

| | |
|---|---|
| Number of Active Subunits: | 18 |
| 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: | 0.514 in (13.1 mm) |
| Outer Jacket Color: | Yellow |
| 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: | 2670 N (600 lbf) |
| Max. Tensile Strength During Operation: | 800 N (180 lbf) |
| Crush Resistance: | 100 N/cm |
| Bulk Cable Weight: | 35 lbs/kft (53 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

| | |
|---|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| 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: 0.77 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | UPC |
|---|---|---|---|
| FISB018RB | Yellow | Reel | 612825379959 |

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