



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

|                    |           |
|--------------------|-----------|
| Part Number:       | FISB018RB |
| Construction Type: | Breakout  |

Product Overview

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

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OS2        | 18          |

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

Buffer Specification

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

|                    |                |
|--------------------|----------------|
| Bulk Cable Weight: | 106 lbs/1000ft |
|--------------------|----------------|

SubUnit Specifications

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

Outer Jacket

Outer Jacket Material

| Nominal Diameter |
|------------------|
| 0.51 in (13 mm)  |

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

Optical Characteristics

|                                  |                     |
|----------------------------------|---------------------|
| Mode Field Diameter:             | 9.2                 |
| Fiber Core Diameter:             | 8.2/125μm           |
| Max Attenuation at 1310 nm:      | 0.5 dB/km           |
| Max Attenuation at 1550 nm:      | 0.5 dB/km           |
| Wavelength:                      | 1310 nm / 1550 nm   |
| 10 Gigabit Ethernet Performance: | 10,000 m / 40,000 m |
| 1 Gigabit Ethernet Performance:  | 5,000 m / -         |

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          |
|-----------|--------|--------------|
| FISB018RB | Yellow | 612825379959 |

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

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