



Product: [FISR096P5](#) 

FX Indoor Flexible Ribbon OS2 96 Fibers OFNP Sub-Units 3.0 mm (24F)

Product Description

FX Indoor, Flexible Ribbon, OS2, 96 Fibers, OFNP, Sub-Units 3.0 mm (24F), Yellow Jacket

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Product Category: | Fiber Ribbon Cable |
| Suitable Applications: | Data Center, RAN, Horizontal Backbone, Premise Backbone |

Fiber Specifications

| | |
|---------------------|------------------------|
| Fiber Type: | OS2, G.657.A1, G.652.D |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 96 |
| Fiber Color Coding: | TIA-598-D |

Cable Construction

| | |
|---------------------------------|-------------------|
| Number of Active Subunits: | 4 |
| Fibers Per Subunit: | 24 |
| Subunit Diameter: | 0.118 in (3.0 mm) |
| Subunit Color: | Yellow |
| Fiber SubUnit Strength Members: | Aramid Yarns |
| Central Strength Member Type: | GRP |

Outer Jacket Specifications

| | |
|-----------------------|--------------------------|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.400 in (10.2 mm) |
| Outer Jacket Color: | Yellow |
| Outer Jacket Ripcord: | 1 |

Optical Characteristics

| Wavelength | 1310 nm | 1550 nm |
|----------------------------------|------------|------------|
| Max. Attenuation | 0.40 dB/km | 0.30 dB/km |
| 10 Gigabit Ethernet Performance | 10,000 m | 50,000 m |
| 40 Gigabit Ethernet Performance | 10,000 m | -- |
| 100 Gigabit Ethernet Performance | 10,000 m | -- |

Mechanical Characteristics

| | |
|--|-----------------------|
| Minimum Bend Radius During Installation: | 15xCable OD |
| Minimum Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 660 N (150 lbf) |
| Max. Tensile Strength During Operation: | 200 N (45 lbf) |
| Crush Resistance: | 100 N/cm |
| Bulk Cable Weight: | 65 lbs/kft (97 kg/km) |

Temperature Range

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

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | NFPA 262 |
| NEC / UL Compliance: | OFNP |
| CEC / C(UL) Compliance: | FT6 |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | 568.3, 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: 0.10 Revision Date: 02-10-2026 |
|----------------------|---|

Part Numbers

Variants

| Item # | Color | Putup Type |
|-----------|--------|------------|
| FISR096P5 | Yellow | Reel |

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