



Product: [FI4I002PBR](#) 

Indoor Interconnect OM4 2 Fibers OFNP DX Cord 2.0mm (900µm)

Product Description

FX Indoor, Interconnect, OM4, 2 Fibers, OFNP, DX Cord 2.0mm (900µm), Red Jacket

Technical Specifications

Product Overview

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

Fiber Specifications

| | |
|------------------------|-----------|
| Fiber Type: | OM4 |
| 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 x 0.161 in |
| Outer Jacket Color: | Red |

Optical Characteristics

| Wavelength | 850 nm | 1300 nm |
|--|-------------|------------|
| Max. Attenuation | 3.0 dB/km | 1.0 dB/km |
| 10 Gigabit Ethernet Performance | 400 m | -- |
| 40 Gigabit Ethernet Performance | 150 m | -- |
| 100 Gigabit Ethernet Performance | 100 m | -- |
| Min. Effective Modal Bandwidth (EMB) | 4700 MHz.km | -- |
| Min. Overfilled Launch (OFL) Bandwidth | 3500 MHz.km | 500 MHz.km |

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/kft (7 kg/km) |

Temperature Range

| | |
|---------------------------------|----------------|
| 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

| | |
|----------------------------------|---|
| 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: 0.7 Revision Date: 04-07-2026 |
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Part Numbers

Variants

| Item # | Color | Putup Type |
|------------|-------|------------|
| F14I002PBR | Red | Reel |

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