



Product: [FISR024A0](#)

Indoor OFCP OS2 Flexible Ribbon 24 Fibers Non-unitized

Product Description

Indoor Plenum Aluminum Interlocked Armor OS2 Flexible Ribbon 24 Fibers Non-unitized Yellow Jacket

Technical Specifications

Product Overview

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|------------------------|---|
| Suitable Applications: | Data Center, RAN, Horizontal Backbone, Premise Backbone |
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Fiber Specifications

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|----------------------|--------------|
| Fiber Type: | OS2 |
| Fiber Core Diameter: | 8.2/125µm µm |
| Fiber Count: | 24 |
| Fiber Color Coding: | TIA-598-D |

Inner Jacket Specifications

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|------------------|--------------------------|
| Strength Member: | Aramid Yarns |
| Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.190 in (3.0 mm) |
| Color: | Yellow |

Armor Specifications

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|--------------------------|--------------------------------|
| Armor Type and Material: | AIA - Aluminum Interlock Armor |
|--------------------------|--------------------------------|

Outer Jacket Specifications

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|------------------|--------------------------|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.39 in (9.9 mm) |
| Color: | Yellow |

Optical Characteristics

| Wavelength | 850 nm | 1310 nm | 1550 nm |
|---------------------------------|--------|------------|------------|
| Max. Attenuation | | 0.50 dB/km | 0.50 dB/km |
| Mode Field Diameter | | 9.2 µm | 10.4 µm |
| 1 Gigabit Ethernet Performance | -- | 5,000 m | - |
| 10 Gigabit Ethernet Performance | -- | 10,000 m | 50000 |

Mechanical Characteristics

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|--|-----------------|
| Min. Bend Radius During Installation: | 20x Cable OD |
| Min. Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 670 N (150 lbf) |
| Max. Tensile Strength During Operation: | 200 N (45 lbf) |
| Crush Resistance: | 440 N/cm |
| Bulk Cable Weight: | 92 lbs/1000ft |

Temperature Range

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|---------------------------------|----------------|
| 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 |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | OFNP, FT6 |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | EIA/TIA 568, GR-409-CORE |

History

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| Update and Revision: | Revision Number: 0.30 Revision Date: 05-31-2024 |
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