



Product: [FDSD008R9](#) 

Indoor/Outdoor Riser OS2 Distribution 8 Fibers

Product Description

FX Indoor/Outdoor OS2 Distribution Tight Buffer 8 Fibers OFNR Non-Unitized Black Jacket

Technical Specifications

Product Overview

| | |
|------------------------|------------------|
| Suitable Applications: | Premise Backbone |
|------------------------|------------------|

Fiber Specifications

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|----------------------|--------------------------|
| Fiber Type: | OS2 |
| Fiber Core Diameter: | 8.2/125 μm |
| Buffer Material: | PVC - Polyvinyl Chloride |
| Buffer Diameter: | 900 μm |
| Fiber Count: | 8 |
| Fiber Color Coding: | TIA-598-D |

Outer Jacket Specifications

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|---------------------|----------------------------|
| Strength Member: | Waterblocking aramid yarns |
| Material: | PVC - Polyvinyl Chloride |
| Nominal Diameter: | 0.235 in (6.0 mm) |
| Color: | Black |
| Number of Ripcords: | 1 |

Optical Characteristics

| Wavelength | 1310 nm | 1550 nm |
|---------------------------------|-------------------|--------------------|
| Max. Attenuation | 0.5 dB/km | 0.5 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 | 50,000 m |

Mechanical Characteristics

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|---|-----------------------|
| Min Bend Radius During Installation: | 15x Cable OD |
| Min 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: | 220 N/cm |
| Bulk Cable Weight: | 22 lbs/kft (33 kg/km) |

Temperature Range

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|--------------------------|----------------|
| Installation Temp Range: | -10°C to +60°C |
| Operating Temp Range: | -40°C to +70°C |
| Storage Temp Range: | -40°C to +70°C |

Standards and Compliance

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|---------------------------------|--|
| Environmental Suitability: | Indoor/Outdoor, Sunlight Resistance, Burial |
| Sustainability: | CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available |
| Flammability / Fire Resistance: | OFNR, FT4 |
| ICEA Compliance: | S-104-696 |
| European Directive Compliance: | EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16 |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.58 Revision Date: 11-03-2020 |
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