



Part Number: FDST002RF

Indoor/Outdoor Riser Tray Optic PVC OS2 2 Fibers

Product Description

FX Indoor/Outdoor Tray Optic PVC OS2 2 Fibers OFNR Sub-units(6F) Gel Yellow Jacket

Technical Specifications

Product Overview

| | |
|------------------------|----------------|
| Part Number: | FDST002RF |
| Construction Type: | TrayOptic |
| Environmental Space: | Indoor/Outdoor |
| Suitable Applications: | Indoor/Outdoor |

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OS2 | 2 |

| | |
|---------------------|--------------|
| Fiber Type: | OS2 |
| Fiber Count: | 2 |
| Fiber Color Coding: | Blue, Orange |

Buffer Specification

| Buffer Material |
|-----------------|
| PBT |

| | |
|----------------------------|--------------------|
| Central Strength Member: | Upjacketed GRP |
| Cable Core Water Blocking: | Waterblocking Tape |
| Bulk Cable Weight: | 88 lbs/1000ft |

SubUnit Specifications

| | |
|------------------------------|-------------------|
| Number of Active Subunits: | 1 |
| Number of Subunit Positions: | 6 |
| Fibers Per Subunit: | 2 |
| SubUnit Diameter: | 0.078 in (2.0 mm) |
| SubUnit Waterblocking: | Gel |

Physical Specifications

| | |
|----------------------------|------------|
| Buffer Tube Waterblocking: | Gel Filled |
|----------------------------|------------|

Jacket Specifications

| | |
|----------------------------------|--------------------------|
| Number of Jackets: | Double Jacket |
| Number of Inner Jacket Ripcords: | 2 |
| Color@InnerJacket1: | Black |
| Nominal Diameter@InnerJacket1: | 0.305 in |
| Material@InnerJacket1: | PVC - Polyvinyl Chloride |

Outer Jacket Material

| Material | Nominal Diameter |
|--------------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.440 in (11.2 mm) |

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

Optical Characteristics

| | |
|----------------------------------|---------------------|
| Mode Field Diameter: | 9.2 |
| Fiber Core Diameter: | 8.2/125µm |
| Max Attenuation at 1310 nm: | 0.4 dB/km |
| Max Attenuation at 1550 nm: | 0.3 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

| | |
|---|-----------------|
| Min Bend Radius During Installation: | 20x Cable OD |
| Min Bend Radius During Operation: | 10x Cable OD |
| Max Tensile Strength During Installation: | 135 N (600 lbf) |
| Max Tensile Strength During Operation: | 40 N (180 lbf) |

Temperature Range

| | |
|--------------------------|--------------|
| Operating Temp Range: | -40C to +70C |
| Installation Temp Range: | -20C to +60C |
| Storage Temp Range: | -40C to +70C |

Standards

| | |
|-------------------------------|---------------------|
| UL Rating/Flame Test: | Riser |
| CEC/C(UL) Specification: | FT4 |
| NEC/(UL) Specification: | OFNR |
| Telecommunications Standards: | ANSI/ICEA S-104-696 |
| RoHS: | Yes |
| UV/ Sunlight Protection: | Yes |

History

Variants

| Item # | Color | UPC |
|-----------|--------|--------------|
| FDST002RF | Yellow | 612825375838 |

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