Product: FDST006RF ↗

Indoor/Outdoor Riser Tray Optic PVC OS2 6 Fibers

Product Description

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

Technical Specifications

Part Number:	FDST006RF
Construction Type:	TrayOptic

Product Overview

Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor/Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	6

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

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:	6
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

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	135 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	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

Update and Revision:	Revision Number: 0.191 Revision Date: 08-22-2019

Mouser Electronics

Authorized Distributor

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