Part Number: FD1T012RF

Indoor/Outdoor Riser Tray Optic PVC OM1 12 Fibers

Product Description
FX Indoor/Outdoor Tray Optic PVC OM1 12 Fibers OFNR Sub-units(6F) Gel Orange Jacket

Technical Specifications

Product Overview

Part Number:	FD1T012RF
Construction Type:	TrayOptic
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor/Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	12

Fiber Type:	OM1
Fiber Count:	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type	Buffer Material
OM1	PBT

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

SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	6
Fibers Per Subunit:	6
SubUnit Diameter:	0.075 in (1.9 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:	Orange
Number of Outer Jacket Ripcords:	2

Optical Characteristics

Effective Modal Bandwidth (EMB):	220 MHz-km / 500 MHz-km
Fiber Core Diameter:	62.5/125µm
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.25 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	33 m / 300 m
1 Gigabit Ethernet Performance:	275 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	200 MHz-km / 500 MHz-km

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
FD1T012RF	Orange