



**Part Number: FD3T004RF**

**Indoor/Outdoor Riser Tray Optic PVC OM3 4 Fibers**

**Product Description**

FX Indoor/Outdoor Tray Optic PVC OM3 4 Fibers OFNR Sub-units(6F) Gel Aqua Jacket

**Technical Specifications**

Part Number:	FD3T004RF
Construction Type:	TrayOptic

**Product Overview**

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

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OM3	4

Fiber Type:	OM3
Fiber Count:	4
Fiber Color Coding:	Blue, Orange, Green, Brown

**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:	4
SubUnit Diameter:	0.075 in (1.9 mm)
SubUnit Waterblocking:	Gel

**Physical Specifications**

Fiber Buffer Material:	PBT
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:	Aqua
Number of Outer Jacket Ripcords:	2

## Optical Characteristics

Effective Modal Bandwidth (EMB):	2000 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.0 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	300 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m
Min Overfilled Launch (OFL) Bandwidth:	1500 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)

## Mechanical Tests

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

### Variants

Item #	Color	UPC
FD3T004RF	Aqua	612825375623

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