



**Part Number:** FD3Y008RF

Indoor/Outdoor Riser Tray Optic CPE OM3 8 Fibers

**Product Description**

FX Indoor/Outdoor Tray Optic CPE OM3 8 Fibers OFNR Sub-units(6F) Gel Aqua Jacket

**Technical Specifications**

**Product Overview**

Part Number:	FD3Y008RF
Construction Type:	TrayOptic
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor/Outdoor

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OM3	8

Fiber Type:	OM3
Fiber Count:	8
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black

**Buffer Specification**

Buffer Material
PBT

Central Strength Member:	Upjacketed GRP
Cable Core Water Blocking:	Waterblocking Tape
Bulk Cable Weight:	89 lbs/1000ft

**SubUnit Specifications**

Number of Active Subunits:	2
Number of Subunit Positions:	6
Fibers Per Subunit:	4
SubUnit Diameter:	0.075 in (1.9 mm)
SubUnit Waterblocking:	Gel

**Physical Specifications**

Buffer Tube Waterblocking:	Gel Filled
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**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

**Outer Jacket Material**

Material	Nominal Diameter
CPE - Chlorinated Polyethylene	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)

## 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
FD3Y008RF	Aqua	612825375111

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