



**Part Number:** FD3D012R9

Indoor/Outdoor Riser OM3 Distribution Tight Buffer 12f

## Product Description

FX Indoor/Outdoor OM3 Distribution Tight Buffer 12 Fibers OFNR Non-Unitized Black Jacket

## Technical Specifications

### Product Overview

Part Number:	FD3D012R9
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor / Outdoor

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count
OM3	12

Fiber Type:	OM3
Fiber Count:	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

#### Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OM3	Thermoplastic	900 µm

Cable Core Water Blocking:	Waterblocking Aramid Yarns
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### SubUnit Specifications

Fibers Per Subunit:	12
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### Jacket Specifications

Number of Jackets:	Single Jacket
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#### Outer Jacket Material

Material	Nominal Diameter
PVC	0.26 in (6.6 mm)

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	1

### Optical Characteristics

Effective Modal Bandwidth (EMB):	2000 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.2 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
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Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	34 N (150 lbf)
Max Tensile Strength During Operation:	17 N (75 lbf)

Temperature Range

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

Standards

UL Rating/Flame Test:	Riser
CEC/C(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-104-696
RoHS:	Yes

History

Variants

Item #	Color
FD3D012R9	Black

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