



**Part Number:** FD4D006L9A

Indoor/Outdoor Riser OM4 Distribution Tight Buffer 6f

## Product Description

FX Indoor/Outdoor OM4 Distribution Tight Buffer 6 Fibers LSZH Non-Unitized Aqua Jacket

## Technical Specifications

### Product Overview

Part Number:	FD4D006L9A
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor / Outdoor

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count
OM4	6

Fiber Type:	OM4
Fiber Count:	6
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

#### Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OM4	Thermoplastic	900 µm

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

Fibers Per Subunit:	6
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### Jacket Specifications

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

Material	Nominal Diameter
LSZH	0.22 in (5.6 mm)

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

### Optical Characteristics

Effective Modal Bandwidth (EMB):	4700 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:	550 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m

Min Overfilled Launch (OFL) Bandwidth:	3500 MHz-km /550 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:	67 N (300 lbf)
Max Tensile Strength During Operation:	22 N (100 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
FD4D006L9A	Aqua

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