



Part Number: FD2D096LKO

Indoor/Outdoor Riser OM2 Distribution Tight Buffer 96f

Product Description

FX Indoor/Outdoor OM2 Distribution Tight Buffer 96 Fibers LSZH Sub-Units (12F) Orange Jacket

Technical Specifications

Product Overview

Part Number:	FD2D096LKO
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor / Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM2	96
Fiber Type:	OM2
Fiber Count:	96
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm
Central Strength Member:	Upjacketed GRP
Cable Core Water Blocking:	Waterblocking Tape

SubUnit Specifications

Number of Active Subunits:	8
Number of Subunit Positions:	8
Fibers Per Subunit:	12
SubUnit Diameter:	0.230 in (5.8 mm)
SubUnit Waterblocking:	Water Blocking Aramid Yarns

Jacket Specifications

Number of Jackets:	Single Jacket
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Outer Jacket Material

Material	Nominal Diameter
LSZH	0.97 in (24.6 mm)
Outer Jacket Color:	Orange
Number of Outer Jacket Ripcords:	1

Optical Characteristics

Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm

Max Attenuation at 1300 nm:	1.25 dB/km
Max Attenuation at 850 nm:	3.5 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	150 m / 300 m
1 Gigabit Ethernet Performance:	550 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	700 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:	45 N (200 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	UPC
FD2D096LKO	Orange	612825372905

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