

Product: FD2D006L9O

Indoor/Outdoor Riser OM2 Distribution Tight Buffer 6f

Product Description

FX Indoor/Outdoor OM2 Distribution Tight Buffer 6 Fibers LSZH Non-Unitized Orange Jacket

Technical Specifications

Part Number:	FD2D006L9O
Construction Type:	Distribution

Product Overview

Print Legend:	BELDEN 6XOM2 IN/OUTDOOR DISTRIBUTION CABLE FD2D006L9O E95466(-PLANT ID) (UL) TYPE OFNR C(UL) OFNR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor / Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM2	6

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm

Cable Core Water Blocking:	Waterblocking Aramid Yarns

SubUnit Specifications

Fibers Per Subunit:	6

Jacket Specifications

Number of Jackets:	Single Jacket

Outer Jacket Material

Material	Nominal Diameter
LSZH	0.22 in (5.6 mm)

Color:	Orange
Number of 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

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	67 N (300 lbf)
Cable Max. Tensile Strength Operation (Long Term)	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) Compliance:	OFNR
TIA/EIA Compliance:	ANSI/ICEA S-104-696
RoHS:	Yes

History

Variants

Item #	Color	UPC
FD2D006L9O	Orange	612825372868

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