



Part Number: FI4D008R9

Indoor Riser OM4 Distribution Tight Buffer 8 Fibers

Product Description

FX Indoor OM4 Distribution Tight Buffer 8 Fibers OFNR Non-Unitized Erika Violet Jacket

Technical Specifications

Part Number:	FI4D008R9
Construction Type:	Distribution

Product Overview

Print Legend:	BELDEN 8XOM4 INDOOR DISTRIBUTION CABLE FI4D008R9 E95466(-PLANT ID) (UL) TYPEOFNR C(UL)OFNR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM4	8

Fiber Type:	OM4
Fiber Count:	8
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black

Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm

SubUnit Specifications

Fibers Per Subunit:	8
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Physical Specifications

Fiber Buffer Diameter:	900 µm
Fiber Buffer Material:	Thermoplastic

Jacket Specifications

Number of Jackets:	Single Jacket
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Outer Jacket Material

Material	Nominal Diameter
PVC	0.24 in (6.1 mm)

Outer Jacket Color:	Violet
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

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)

Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Operation (Long Term)		20x Cable OD	
Cable Min. Bend Radius Installation (Short Term)		10x Cable OD	
Cable Max. Tensile Strength Operation (Long Term)		34 N (150 lbf)	
Cable Max. Tensile Strength Installation (Short Term)		17 N (75 lbf)	

Temperature Range

Operating Temp Range:	-20C to +70C
Installation Temp Range:	-10C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Riser
CEC/C(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
F14D008R9	Erika Violet	612825379027

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