



**Part Number: FI4D024P9**

Indoor Plenum OM4 Distribution Tight Buffer 24 Fibers

**Product Description**

FX Indoor OM4 Distribution Tight Buffer 24 Fibers OFNP Non-Unitized Erika Violet Jacket

**Technical Specifications**

**Product Overview**

Part Number:	FI4D024P9
Construction Type:	Distribution
Environmental Space:	Indoor
Print Legend:	BELDEN 24XOM4 INDOOR DISTRIBUTION CABLE FI4D024P9 E95466(-PLANT ID) (UL) TYPE OFNP C(UL) OFNP --- FT6 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OM4	24

Fiber Type:	OM4
Fiber Count:	24
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

**Buffer Specification**

Fiber Type	Buffer Material	Buffer Diameter
OM4	Thermoplastic	900 µm

**SubUnit Specifications**

Fibers Per Subunit:	24
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**Jacket Specifications**

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

Material	Nominal Diameter
PVC	0.33 in (8.4 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:	250 lbf
Max Tensile Strength During Operation:	125 lbf

## Temperature Range

Operating Temp Range:	0C to +70C
Installation Temp Range:	0C to +60C
Storage Temp Range:	-40C to +70C

## Standards

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

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