



**Part Number:** FI3D012F9

**Indoor Riser OM3 Distribution Tight Buffer 12 Fibers**

**Product Description**

FX Indoor OM3 Distribution Tight Buffer 12 Fibers OFCR Aluminum Interlocked Armor Non-Unitized Aqua Jacket

**Technical Specifications**

**Product Overview**

Part Number:	FI3D012F9
Construction Type:	Distribution
Environmental Space:	Indoor
Print Legend:	BELDEN 12xOM3 INDOOR DISTRIBUTION CABLE FI3D012F9 E95466(-PLANT ID) (UL) TYPE OFCR C(UL) OFCR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OM3	12

Fiber Type:	OM3
Fiber Count:	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

**Buffer Specification**

Fiber Type	Buffer Material	Buffer Diameter
OM3	Thermoplastic	900 µm

**SubUnit Specifications**

Fibers Per Subunit:	12
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**Jacket Specifications**

Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum
Number of Inner Jacket Ripcords:	1
Color@InnerJacket1:	Aqua
Nominal Diameter@InnerJacket1:	0.26 in
Material@InnerJacket1:	PVC

**Outer Jacket Material**

Material	Nominal Diameter
PVC	0.62 in (15.7 mm)

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

**Optical Characteristics**

Effective Modal Bandwidth (EMB):	2000 MHz-km / 500 MHz-km
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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:	300 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m
Min Overfilled Launch (OFL) Bandwidth:	1500 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:	34 N (150 lbf)
Max Tensile Strength During Operation:	11 N (50 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
F13D012F9	Aqua

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