

Part Number: FI2D144RK



Indoor Riser OM2 Distribution Tight Buffer 144 Fibers

Product Description

FX Indoor OM2 Distribution Tight Buffer 144 Fibers OFNR Sub-Units (12F) Orange Jacket

Technical Specifications

Product Overview

Part Number:	FI2D144RK
Construction Type:	Distribution
Environmental Space:	Indoor
Print Legend:	BELDEN 144xOM2 INDOOR DISTRIBUTION CABLE FI2D144RK E95466(-PLANT ID) (UL) TYPEOFNR C(UL)OFNR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL.)
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM2	144
Fiber Type:	OM2
Fiber Count:	144
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OM2	Thermoplastic	900 μ m
Central Strength Member:	GRP	

SubUnit Specifications

Number of Active Subunits:	12
Number of Subunit Positions:	12
Fibers Per Subunit:	12
SubUnit Diameter:	.230 in (5.8 mm)
SubUnit Waterblocking:	no

Jacket Specifications

Number of Jackets:	Single Jacket
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Outer Jacket Material

Material	Nominal Diameter
PVC	1.08 in (27.4 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:	50/125 μ m
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:	1900 lbf
Max Tensile Strength During Operation:	950 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
FI2D144RK	Orange

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