



Product: [FI4M144P1](#) 

Indoor Plenum OM4 Mini-Distribution 144F 2mm SubUnits EV

Product Description

FX Indoor OM4 Mini-Distribution 144 Fibers OFNP Sub-Units (2.0MM) Erika Violet Jacket

Technical Specifications

Part Number:	FI4M144P1
Construction Type:	Mini Distribution

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM4	144

Central Strength Member:	GRP
Bulk Cable Weight:	54.1 lbs/1000ft

SubUnit Specifications

Number of Active Subunits:	12
Number of Subunit Positions:	12
Fibers Per Subunit:	12
SubUnit Diameter:	0.078 in (2.0 mm)

Jacket Specifications

Number of Jackets:	Single Jacket
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Inner Jacket

Material:	PVC - Polyvinyl Chloride
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.39 in (9.9 mm)

Color:	Erika Violet
Number of Ripcords:	2
Nominal Diameter:	0.390 (9.9)

Optical Characteristics

Effective Modal Bandwidth (EMB):	4700 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125
Max Attenuation at 1300 nm:	1.0 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

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	15x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	34 N (150 lbf)
Cable Max. Tensile Strength Operation (Long Term)	10 N (45 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:	OFNP
NEC/(UL) Compliance:	N/A
C (UL) US:	FT6
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
F14M144P1	Erika Violet	612825288954

Update and Revision:	Revision Number: 0.63 Revision Date: 03-13-2019
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