



**Product:** [FI4M144A1A](#)

Indoor Plenum OM4 Mini-Distribution 144F 2mm Sub-Units Aqua

**Product Description**

Indoor OM4 Mini-Distribution 144 Fibers OFCP Jacket Sub-Units (2.0MM) Aqua Jacket

**Technical Specifications**

Part Number:	FI4M144A1A
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
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**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:	Double Jacket
Type of Armor:	Interlocked Aluminum
Number of Inner Jacket Ripcords:	2
Color@InnerJacket1:	Aqua
Material@InnerJacket1:	PVC

**Outer Jacket Material**

Material	Nominal Diameter
Thermoplastic	0.74 in (18.8 mm)

Outer Jacket Color:	Aqua
Number of Outer Jacket Ripcords:	2
OuterJacket1, Nominal Diameter:	0.723 (18.4)

**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

### 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:	OFCP
NEC/(UL) Specification:	N/A
C (UL) US:	FT4
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

### History

#### Variants

Item #	Color	UPC
FI4M144A1A	Aqua	612825288923

Update and Revision:	Revision Number: 0.61 Revision Date: 03-13-2019
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