



Part Number: FI3I012P0

Indoor Plenum OM3 Interconnect 12F MiniRound 2.0mm (250µm)

Product Description

FX Indoor OM3 Interconnect 12 Fibers OFNP Mini-Round 2.0MM (250UM) Aqua Jacket

Technical Specifications

Part Number:	FI3I012P0
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
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

Buffer Material
PVC

Bulk Cable Weight:	2.3 lbs/1000ft
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Physical Specifications

Fiber Buffer Material:	PVC
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Jacket Specifications

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.079 in (2 mm)

Outer Jacket Color:	Aqua
OuterJacket1, Nominal Diameter:	0.079 in

Optical Characteristics

Effective Modal Bandwidth (EMB):	2000 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:	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:	11 N (50 lbf)
Max Tensile Strength During Operation:	3 N (15 lbf)

Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Operation (Long Term)		20x Cable OD	
Cable Min. Bend Radius Installation (Short Term)		10x Cable OD	
Cable Max. Tensile Strength Operation (Long Term)		11 N (50 lbf)	
Cable Max. Tensile Strength Installation (Short Term)		3 N (15 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:	FT6
NEC/(UL) Specification:	OFNP
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color
F13I012P0	Aqua

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