



Product: [FI4I001PCA](#) 

Indoor Plenum OM4 Interconnect 1F SX SX Cord 3.0mm Aqua

Product Description

Indoor OM4 Interconnect 1 Fiber OFNP SX SX Cord 3.0mm (900µm) Aqua Jacket

Technical Specifications

Part Number:	FI4I001PCA
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM4	1

Buffer Specification

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	6 lbs/1000ft
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.11 in (2.8 mm)

Color:	Aqua
Nominal Diameter:	0.118 in

Optical Characteristics

Effective Modal Bandwidth (EMB):	4700 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:	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)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	11 N (50 lbf)
Cable Max. Tensile Strength Operation (Long 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) Compliance:	FT6
NEC/(UL) Compliance:	OFNP
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
FI4I001PCA	Aqua	612825288343

Update and Revision:	Revision Number: 0.49 Revision Date: 01-31-2020
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