

Product: FI1I001PC

Indoor Plenum OM1 Interconnect 1F SX SX Cord 3.0mm Orange

Product Description

FX Indoor OM1 Interconnect 1 Fiber OFNP SX SX Cord 3.0MM (900UM) Orange Jacket

Technical Specifications

Product Overview

Suitable Applications:	Indoor

Fiber Specifications

Fiber Type:	OM1
Fiber Core Diameter:	62.5/125µm
Buffer Material:	PVC
Buffer Diameter:	900 µm
Fiber Count:	1
Fiber Color Coding:	TIA-598-D

Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.118 in
Color:	Orange

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.5 dB/km	1.25 dB/km

Mechanical Characteristics

Min. Bend Radius During Installation:	20x Cable OD
Min. Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	50 lbf (220 N)
Max. Tensile Strength During Operation:	15 lbf (67 N)
Bulk Cable Weight:	6 lbs/1000ft (8.9 kg/km)

Temperature Range

Installation Temperature Range:	0C to +60C
Operating Temperature Range:	0C to +70C
Storage Temperature Range:	-40C to +70C

Standards and Compliance

Environmental Suitability:	Indoor
NEC / UL Compliance:	OFNP
CEC / C(UL) Compliance:	FT6
TIA/EIA Compliance:	ANSI/ICEA S-83-596

History

Update and Revision:	Revision Number: 0.71 Revision Date: 02-03-2025

Part Numbers

Variants

Item #	Color	Putup Type	UPC
FI1I001PC	Orange	Reel	612825287254

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