



Product: [FISI001RB](#)



Product Description

FI INTERC OS2 1F OFNR SX_2.0

Technical Specifications

Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125µm µm
Buffer Material:	PVC
Buffer Diameter:	900 µm
Fiber Count:	1
Fiber Color Coding:	TIA-598-D

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.078 in (2.0 mm)

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.50 dB/km	0.50 dB/km
Mode Field Diameter	9.2 µm	10.4 µm
1 Gigabit Ethernet Performance	5000 m	-
10 Gigabit Ethernet Performance	10000 m	50000 m

Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	100 N (22 lbf)
Max. Tensile Strength During Operation:	30 N (7 lbf)
Crush Resistance:	35 N/cm
Bulk Cable Weight:	1.2 lbs/1000ft

Temperature Range

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

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	OFNR, FT4
ICEA Compliance:	S-83-596

History

Update and Revision:

Revision Number: 0.33 Revision Date: 04-08-2022

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