

Product: [FI4D002R9S](#) 



Indoor Distribution Tight Buffer OM4 2 Fibers OFNR Non-Unitized

Product Description

FX Indoor, Distribution Tight Buffer, OM4, 2 Fibers, OFNR, Non-Unitized, Gray Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Distribution Cable
Suitable Applications:	Premise Backbone

Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Buffer Diameter:	900 µm
Fiber Count:	2
Fiber Color Coding:	TIA-598-D

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.184 in (4.7 mm)
Outer Jacket Color:	Gray
Outer Jacket Ripcord:	1

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
10 Gigabit Ethernet Performance	400 m	--
40 Gigabit Ethernet Performance	150 m	--
100 Gigabit Ethernet Performance	100 m	--
Min. Effective Modal Bandwidth (EMB)	4700 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz.km	500 MHz.km

Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	660 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	14 lbs/kft (21 kg/km)

Temperature Range

Installation Temperature Range:	-10°C to +60°C
Operating Temperature Range:	-20°C to +70°C

Storage Temperature Range:	-40°C to +70°C
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	UL1666, UL 1685
NEC / UL Compliance:	OFNR
CEC / C(UL) Compliance:	FT4
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	568.3, 598-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.10 Revision Date: 05-05-2026
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Part Numbers

Variants

Item #	Color	Putup Type
FI4D002R9S	Gray	Reel

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