



Product: [FDCP001R9NBY](#)

FX Indoor/Outdoor, OS2 G.657.B3, Drop, 1 Fiber, OFNR, Black Jacket, Reel-in-box - 450m

Product Description
FX Indoor/Outdoor, OS2 G.657.B3, Drop, 1 Fiber, OFNR, Black Jacket, Reel-in-box - 450m

Technical Specifications

Product Overview

Product Category:	Fiber Drop Cable
Suitable Applications:	Provides easy routing and 900 µm tight-buffered fiber supports fast and robust field terminations. Ideal for fiber-to-the-subscriber applications

Fiber Specifications

Fiber Type:	OS2, G.657.B3, G.652.D
Fiber Core Diameter:	250 µm
Fiber 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:	0.188 in (4.8 mm)
Color:	Black

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.5 dB/km	0.5 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:	800 N (180 lbf)
Max. Tensile Strength During Operation:	240 N (54 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	13.2 lbs/kft (19.6 kg/km)

Temperature Range

Installation Temperature Range:	-10°C to +60°C
Operating Temperature Range:	-40°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Sunlight Resistance
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Flammability / Reaction to Fire:	UL 1666, UL 1685, FT4
NEC / UL Compliance:	OFNR
CEC / C(UL) Compliance:	OFNR
TIA/EIA Compliance:	598-D
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.28 Revision Date: 07-10-2025
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