

Product: [FDSD036PK](#) 



Indoor/Outdoor Distribution Tight Buffer OS2 36 Fibers OFNP Sub-Units (12F)

Product Description

FX Indoor/Outdoor, Distribution Tight Buffer, OS2, 36 Fibers, OFNP, Sub-Units (12F) Black Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Distribution Cable
Suitable Applications:	Premise Backbone

Fiber Specifications

Fiber Type:	OS2, G.657.A1, G.652.D
Fiber Diameter:	250 µm
Fiber Buffer Diameter:	900 µm
Fiber Count:	36
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	3
Number of Fillers:	1
Fibers Per Subunit:	12
Subunit Diameter:	0.220 in (5.6 mm)
Subunit Color:	Yellow
Fiber SubUnit Strength Members:	Aramid Yarns
Central Strength Member Type:	GRP
Core Wrap Material:	Tape

Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.567 in (14.4 mm)
Outer Jacket Color:	Black
Outer Jacket Ripcord:	1

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.50 dB/km	0.50 dB/km
10 Gigabit Ethernet Performance	10,000 m	50,000 m

Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	2670N (600lbf)
Max. Tensile Strength During Operation:	800N (180lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	89 lbs/kft (132 kg/km)

Temperature Range

Installation Temperature Range:	0°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
Flammability / Reaction to Fire:	NFPA 262
NEC / UL Compliance:	OFNP
CEC / C(UL) Compliance:	FT6
ICEA Compliance:	S-104-696
TIA/EIA Compliance:	568.3, 598-D
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.22 Revision Date: 01-20-2026
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Part Numbers

Variants

Item #	Color	Putup Type
FSD036PK	Black	Reel

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