



## Product: [FI3D036PK](#)

### Indoor Plenum OM3 Distribution 36 Fibers

#### Product Description

FX Indoor OM3 Distribution Tight Buffer 36 Fibers OFNP Sub-Units (12F) Aqua Jacket

#### Technical Specifications

##### Product Overview

Product Category:	Fiber Distribution Cable
Suitable Applications:	Premise Backbone

##### Fiber Specifications

Fiber Type:	OM3
Fiber Core Diameter:	50/125 $\mu\text{m}$
Buffer Material:	PVC - Polyvinyl Chloride
Buffer Diameter:	900 $\mu\text{m}$
Fiber Count:	36
Fiber Color Coding:	TIA-598-D

##### Cable Construction

Number of Active Subunits:	3
Fibers Per Subunit:	12
Subunit Diameter:	0.220 in (5.6 mm)
Subunit Color:	Aqua
Subunit Strength Members:	Aramid yarns
Central Strength Member:	GRP
Core Wrap:	Nomex Tape

##### Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.599 in (15.2 mm)
Color:	Aqua
Number of Ripcords:	1

##### Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	1000 m	550 m
10 Gigabit Ethernet Performance	300 m	--
Min. Effective Modal Bandwidth (EMB)	2000 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz.km	500 MHz.km

##### Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD

Max. Tensile Strength During Installation:	1320 N (300 lbf)
Max. Tensile Strength During Operation:	400 N (90 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	117 lbs/kft (175 kg/km)

## 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, Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	OFNP, FT6
ICEA Compliance:	S-83-596
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16

## History

Update and Revision:	Revision Number: 0.152 Revision Date: 11-09-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	UPC
FI3D036PK	Aqua	Reel	612825371960

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