



Product: <u>FY4BLCBLCBS010M</u> ☑

Y OM4 16F LC\_SX LC\_SX 10M A-A OFNP 900x1.0xIL 900x1.0xIL

# **Product Description**

FX OPTITUFF MINI TRUNK, OM4, 16 FIBERS, LC SIMPLEX (900UM x 1.0M x IN-LINE) - LC SIMPLEX (900UM x 1.0M x IN-LINE), A-TO-A, OFNP, 10 M, ERIKA VIOLET JACKET

# **Technical Specifications**

## **Product Overview**

Suitable Applications:	Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area
Fiber Specifications	
Fiber Type:	OM4
Fiber Core Diameter:	50/425 um

Fiber Type:	OM4
Fiber Core Diameter:	50/125 μm
Fiber Count:	16
Fiber Color Coding:	TIA-598-D

# **Physical Specifications**

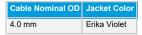
## Connectors

Description	Type	Housing Material	Housing Color	Ferrule	<b>Boot Material</b>	<b>Boot Color</b>
Connector A (Inside End)	LC Simplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet
Connector B (Outside End)	LC Simplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet

## Fan-out (Legs)

Description	Transition	Length (m)	Diameter	Geometry
Connector A (Inside End)	LPM	1.0 m	900 µm	In-Line
Connector B (Outside End)	LPM	1.0 m	900 µm	In-Line

#### Assembly Cable



#### Measurement

Overall Assembly Length	Packaging
10 m (32.8 ft)	Individually packaged

## **Overall Length Tolerances**

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 5 meters	+0.3 / -0 meter
5.1 to 19.9 meters	+0.4 / -0 meter
over 19.9 meters	+1.3 / -0 meter

# **Armor Specifications**

Armor Type and Material:	ADA - All-Dielectric Armor
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### **Optical Characteristics**

Polarity Identification:
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#### Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	LC Simplex	0.15 dB	30 dB
Connector B (Outside End)	LC Simplex	0.15 dB	30 dB

## **Mechanical Characteristics**

Pulling Eye Type:	FX Pulling Eye
Pulling Eye Location:	Outside End
Pulling Eye Tension:	25 lbs
Min. Bend Radius During Installation:	3.75x Cable OD
Min. Bend Radius During Operation:	3.75x Cable OD

## **Temperature Range**

Operating Temperature Range:	-40C to +75C
Storage Temperature Range:	-40C to +75C

## **Standards and Compliance**

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	OFNP
TIA/EIA Compliance:	TIA/EIA 568.3
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
Other Standard Compliance(s):	ACMA

#### **Product Notes**

Related Parts:	DCX system, FX UHD Patch Panels, ECX Patch Panels, FX Patch cords, FX MPO Trunks, FX Multi-fiber Trunks, OptiTuff Mini Cable	

#### **History**

Update and Revision:	Revision Number: 0.7 Revision Date: 05-31-2024

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