



Product: [FYSAMMFMMFB010M](#)

Y OS2 12F MPO12_M MPO12_M 10M T-B OFNP JKTx1.0xIL JKTx1.0xIL

Product Description

FX OPTITUFF MINI TRUNK, OS2, 12 FIBERS, MPO-12 (M) (JACKETED x 1.0M x IN-LINE) - MPO-12 (M) (JACKETED x 1.0M x IN-LINE), TYPE-B, OFNP, 10 M, YELLOW JACKET

Technical Specifications

Product Overview

Suitable Applications:	Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area
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Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

Physical Specifications

Connectors

Description	Type	Housing Material	Housing Color	Boot Material	Boot Color
Connector A (Inside End)	MPO-12 Male	Plastic	Green	Rubber	Black
Connector B (Outside End)	MPO-12 Male	Plastic	Green	Rubber	Black

Fan-out (Legs)

Description	Transition	Length (m)	Diameter	Geometry
Connector A (Inside End)	LPM	1.0 m	3.0 mm	In-Line
Connector B (Outside End)	LPM	1.0 m	3.0 mm	In-Line

Assembly Cable

Cable Nominal OD	Jacket Color
4.0 mm	Yellow

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:	Type-B
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Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	MPO-12 Male	0.35 dB	60 dB
Connector B (Outside End)	MPO-12 Male	0.35 dB	60 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
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History

Update and Revision:	Revision Number: 0.6 Revision Date: 01-23-2023
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