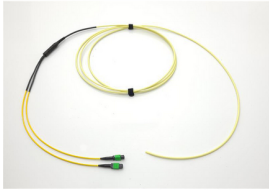




Product: [AX110105-082M](#)



FY OS2 16F OPEN MPO8_M 82M OFNP JKTx1.0xIL WH_JKT

Product Description

FX MPO TRUNK, OS2, MPO-12 BASE 8 (MALE TO OPEN), 2 MPO (16 FIBERS), 82 METERS, OFNP, DIELECTRIC ARMORED CABLE (3.0MM SUB-UNITS), FAN-OUT: 1.0 METER x IN-LINE, WHITE 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:	9/125 μm
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 (Base 8) 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

Assembly Cable

Cable Nominal OD	Jacket Color
4.0 mm	White

Measurement

Overall Assembly Length	Weight	Packaging
82 m (269 ft)	3.39 lbs	Individually packaged in a plastic spool

Overall Length Tolerances

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 4.9 meters	+0.3 / -0 meter
5 to 40 meters	+0.4 / -0 meter
over 40 meters	+1.0% / -0%

Armor Specifications

Armor Type and Material:	No Armor
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Optical Characteristics

Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
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Connector A (Inside End)	MPO-12 (Base 8) Male	0.35 dB	60 dB
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Mechanical Characteristics

Pulling Eye Type:	FX Pulling Eye
Pulling Eye Location:	Outside End
Pulling Eye Tension:	25 lbs
Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD

Temperature Range

Operating Temperature Range:	-10C to +60C
Storage Temperature Range:	-10C to +60C

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	OFNP
UL Rating:	Plenum
TIA/EIA Compliance:	TIA/EIA 568.3
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
MII Order #39 (China RoHS):	EUP 50
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
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History

Update and Revision:	Revision Number: 0.20 Revision Date: 03-12-2024
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