



**Product:** [A548LDFLDFP005M](#)

OM5 48F LC\_DX LC\_DX 5M OFNP JKTx1.0xIL JKTx1.0xIL

**Product Description**

FX MULTI-FIBER TRUNK, OM5, 48 FIBERS, LC DUPLEX (JACKETED x 1.0M x IN-LINE) - LC DUPLEX (JACKETED x 1.0M x IN-LINE), OFNP, 5 M, LIME GREEN JACKET

**Technical Specifications**

**Product Overview**

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

Fiber Type:	OM5
Fiber Core Diameter:	50/125 µm
Fiber Count:	48
Fiber Color Coding:	TIA-598-D

**Physical Specifications**

**Connectors**

Description	Type	Housing Material	Housing Color	Ferrule	Boot Material	Boot Color
Connector A (Inside End)	LC Duplex	Plastic	Lime Green	Zirconia Ceramic	Rubber	Lime Green
Connector B (Outside End)	LC Duplex	Plastic	Lime Green	Zirconia Ceramic	Rubber	Lime Green

**Fan-out (Legs)**

Description	Transition	Length (m)	Diameter	Geometry
Connector A (Inside End)	LPM	1.0 m	2.0 mm	In-Line
Connector B (Outside End)	LPM	1.0 m	2.0 mm	In-Line

**Assembly Cable**

Cable Nominal OD	Jacket Color
6.5 mm	Lime Green

**Measurement**

Overall Assembly Length	Packaging
5 m (32.8 ft)	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**

Polarity Identification:	A-to-B / B-to-A
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Fiber Connector Performance

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

Mechanical Characteristics

Pulling Eye Type:	FX Pulling Eye
Pulling Eye Location:	Outside End
Pulling Eye Tension:	100 lbs
Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x 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
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: 0.10 Revision Date: 07-21-2023
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