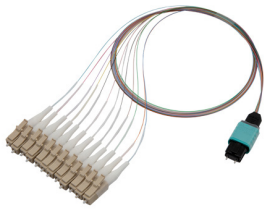
Fiber Optic Patch Assembly Multimode OM3, 12 Fiber MPO (male) to LC/PC 0.25mm Bare Fiber - 0.5M



FCA-MMS212600P

Features

- 12 Fiber Direct MPO Male (w/ pins) to 12x LC/PC Fan-Out Patchcord
- .25mm Colored Bare Fiber
- Multimode OM3 cabling for aggregation of links, cassettes or patch panels
- Fully compatible with US Conec MTP™ products

Applications

- Voice/Video/Data
- LAN
- Server Farms
- Data Centers

Description

L-com's FCA-MMS212600P is a fiber optic patch cable assembly that is suitable for Ethernet, LAN, data centers, server farms, and voice/video/data applications. This fiber optic cable is equipped with a 12 fiber MPO (w/pins) to LC/PC connector configuration. This fiber optic cable assembly is available in a length of 0.5 meter and has a cable diameter of 0.25 mm. Our patch cable assembly can operate at temperatures ranging from -10 to 60 degrees C.

This MPO (w/pins) male to LC/PC cable comes with a multimode OM3 fiber and has a fiber diameter of 50/125 µm. The FCA-MMS212600P fiber optic patch cable from L-com features a colored bare fiber jacket. Our fiber optic cable assembly can be customized in different lengths to fit specific installation needs, ensuring efficient network management in high-density setups without compromising delivery time or quality. Additional dimensions, specifications, and CAD drawings for this cable can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of fiber optic patch cables for international and domestic orders. Make your online purchase right now to take advantage of our same-business-day shipping. We are committed to delivering excellent service to support our customers in maintaining the continuity and reliability of their networks. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal multimode OM3 fiber optic cable for your requirements.

Configuration

Function	Patch
Cable Type	Base-12 Multimode
Mode	Multimode
Mode Class	OM3
Fiber Diameter	50/125 µm
Connection 1 Type	MPO (w/ pins)
Connection 1 Gender	Male
Connection 1 Polish	PC
Connection 2 Type	LC
Connection 2 Polish	PC

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Return Loss - MPO	30			dB
Insertion Loss - MPO			0.5	dB
Return Loss - LC, ST, SC, FC	30			dB

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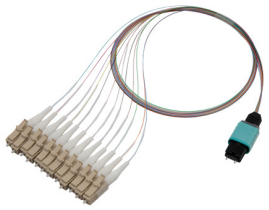

FCA-MMS212600P

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss - LC, ST, SC, FC			0.3	dB

Mechanical Specifications

Cable Assembly

Length	0.5 m [19.68 in]
Width/Diameter	0.25 mm
Weight	36.29 g [0.08 lbs]

Cable

Cable Type	Patch
Polarity	NEUTRAL
Static Bend Radius	2 mm
Dynamic Bend Radius	5 mm
Max Allowance Tensile, Short Term (N/100mm)	170 mm
Max Allowance Tensile, Long Term (N/100mm)	85 mm

Connectors

Description	Connector 1	Connector 2
Type	MPO (w/ pins) Male	LC
Mating Cycles	500	500
Connector Polish	PC	PC

Environmental Specifications

Operating Range Temperature	-10 to +60 deg C
Storage Range Temperature	-5 to +50 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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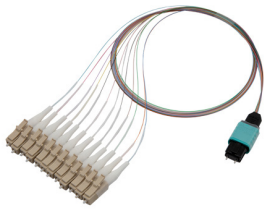

FCA-MMS212600P

Typical Performance Data

How to Order

Part Number Configuration: **FCA-MMS21260** **-XX** **UU**

- UU — Unit of Measure:
  F = Feet
  <blank> = Meters
- -XX — Lengths
- FCA-MMS21260 — Base Number

Example: FCA-MMS21260-12 = 12 meters long cable
FCA-MMS21260-10F = 10 feet long cable

Fiber Optic Patch Assembly Multimode OM3, 12 Fiber MPO (male) to LC/PC 0.25mm Bare Fiber - 0.5M from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: https://www.l-com.com/patch-cord-multimode-om3-12-cores-mpo-male-lc-upc-0.25mm-pvc-12-color-0.5m-fca-mms212600p

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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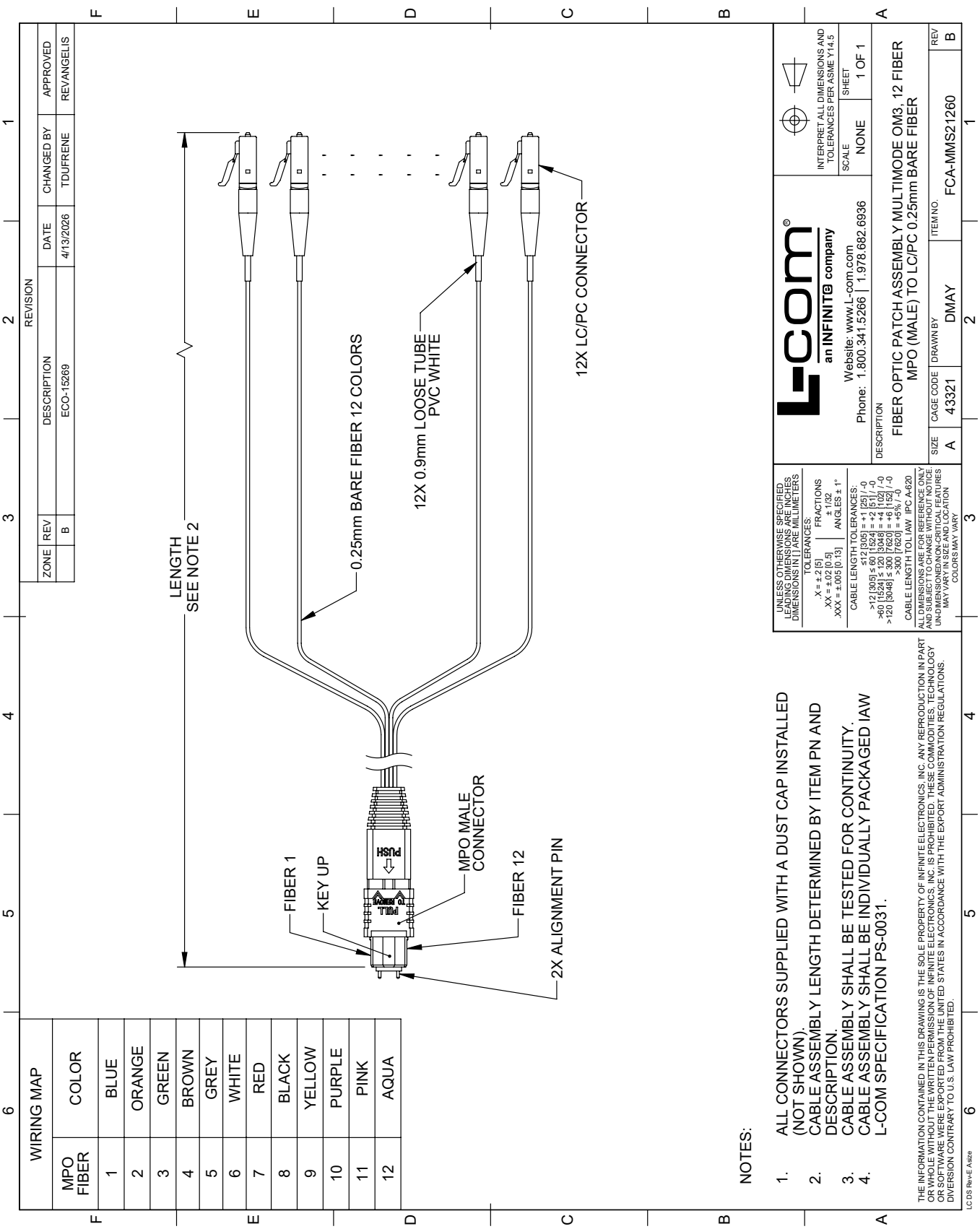
FCA-MMS212600P CAD Drawing

Fiber Optic Patch Assembly Multimode OM3, 12 Fiber MPO (male) to LC/PC 0.25mm Bare Fiber - 0.5M



REVISION				
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-15269	4/13/2026	TDUFRENE	REVANGELIS

WIRING MAP	
MPO FIBER	COLOR
1	BLUE
2	ORANGE
3	GREEN
4	BROWN
5	GREY
6	WHITE
7	RED
8	BLACK
9	YELLOW
10	PURPLE
11	PINK
12	AQUA

NOTES:

1. ALL CONNECTORS SUPPLIED WITH A DUST CAP INSTALLED (NOT SHOWN).
2. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
3. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
4. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IAW L-COM SPECIFICATION PS-0031.

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS
TOLERANCES: FRACTIONS ± 1/32 ANGLES ± 1°
.X = ± .2 [5] .XX = ± .02 [0.5] .XXX = ± .005 [0.13]
CABLE LENGTH TOLERANCES: ≤12 [305] = +1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +8 [203] / -0 >300 [7620] = +5% / -0
CABLE LENGTH TOLI IAW IPC A-620
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE
UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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Phone: 1.800.341.5266 | 1.978.682.6936

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	FCA-MMS21260	B

SCALE NONE | SHEET 1 OF 1

DESCRIPTION
FIBER OPTIC PATCH ASSEMBLY MULTIMODE OM3, 12 FIBER MPO (MALE) TO LC/PC 0.25mm BARE FIBER

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LC DS Rev-E A-size

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