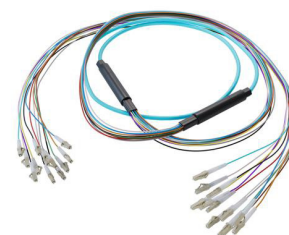


12-Fiber LC UPC to LC UPC, OM3 Multimode Distribution Cable, 6.2mm Riser, 2.0mm breakout, Aqua



FCA-12M3LCULCURK2

Features

- 12X LC UPC to 12X LC UPC
- Indoor multimode OM3
- Riser (OFNR) rated cable
- 6.2mm with tight buffer and aramid yarn strength member
- 2mm TIA 598 color coded, .5M breakout
- Suitable for ceilings and riser areas

Applications

- Data centers
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- Enterprise Networking
- Storage and cloud based services
- AI data storage and communications
- Headend termination to a fiber backbone
- Terminations of data center fiber rack system

Description

L-com's FCA-12M3LCULCURK2 is a fiber optic breakout cable that is built with 12-fiber LC/UPC to LC/UPC connectors. This cable assembly comes with multimode OM3 fiber that offers stable, high-speed transmission over short distances. Our aqua blue fiber optic cable assembly has an OFNR-rated PVC jacket. Make your online purchase right now to take advantage of our same business day shipping.

This 12-fiber fiber optic cable has a fiber diameter of 50/125 μm and a cable diameter of 6.2 mm. With an operating temperature range of -20 to 70 degrees C, this cable provides reliable performance across diverse conditions. Our multimode cable assembly is suitable for applications such as data centers, passive optical networks (PON), local area networks (LAN), enterprise networking, storage and cloud based services, AI data storage and communications, headend termination to a fiber backbone and terminations of data center fiber rack system.

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. L-com's FCA-12M3LCULCURK2 multimode cable has a maximum insertion loss of 0.3 dB. Additional dimensions, specifications, and CAD drawings for this 12-fiber fiber optic cable can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of multimode LC/UPC fiber optic cable assemblies for international and domestic orders. 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 12-fiber LC/UPC to LC/UPC cable that meets your requirements.

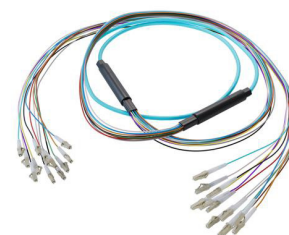
Configuration

Function	Breakout
Cable Type	Base-12 Multimode
Mode	Multimode
Mode Class	OM3
Fiber Diameter	50/125 μm
Connection 1 Type	LC
Connection 1 Polish	UPC
Connection 2 Type	LC
Connection 2 Polish	UPC
Cable Color	Aqua Blue

Optical Specifications

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

12-Fiber LC UPC to LC UPC, OM3 Multimode Distribution Cable, 6.2mm Riser, 2.0mm breakout, Aqua



FCA-12M3LCULCURK2

Optical Specifications

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

Mechanical Specifications

Cable Assembly

Width/Diameter

6.2 mm

Weight

102.51 g [0.226 lbs]

Cable

Cable Type

Breakout

Static Bend Radius

47 mm

Dynamic Bend Radius

93 mm

Max Crush Resistance, Short Term (N/100mm)

1,000

Max Crush Resistance, Long Term (N/100mm)

300

Connectors

Description	Connector 1	Connector 2
Type	LC	LC
Connector Polish	UPC	UPC

Environmental Specifications

Operating Range Temperature

-20 to +70 deg C

Storage Range Temperature

-40 to +70 deg C

Ingress Protection (IP) Rating

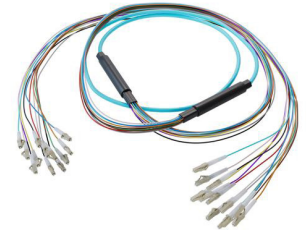
Non-Rated

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

12-Fiber LC UPC to LC UPC, OM3 Multimode Distribution Cable, 6.2mm Riser, 2.0mm breakout, Aqua



FCA-12M3LCULCURK2

Typical Performance Data

How to Order

Part Number Configuration:

FCA-12M3LCULCURK2

-XX

UU

Unit of Measure:

F = Feet

<blank> = Meters

Lengths

Base Number

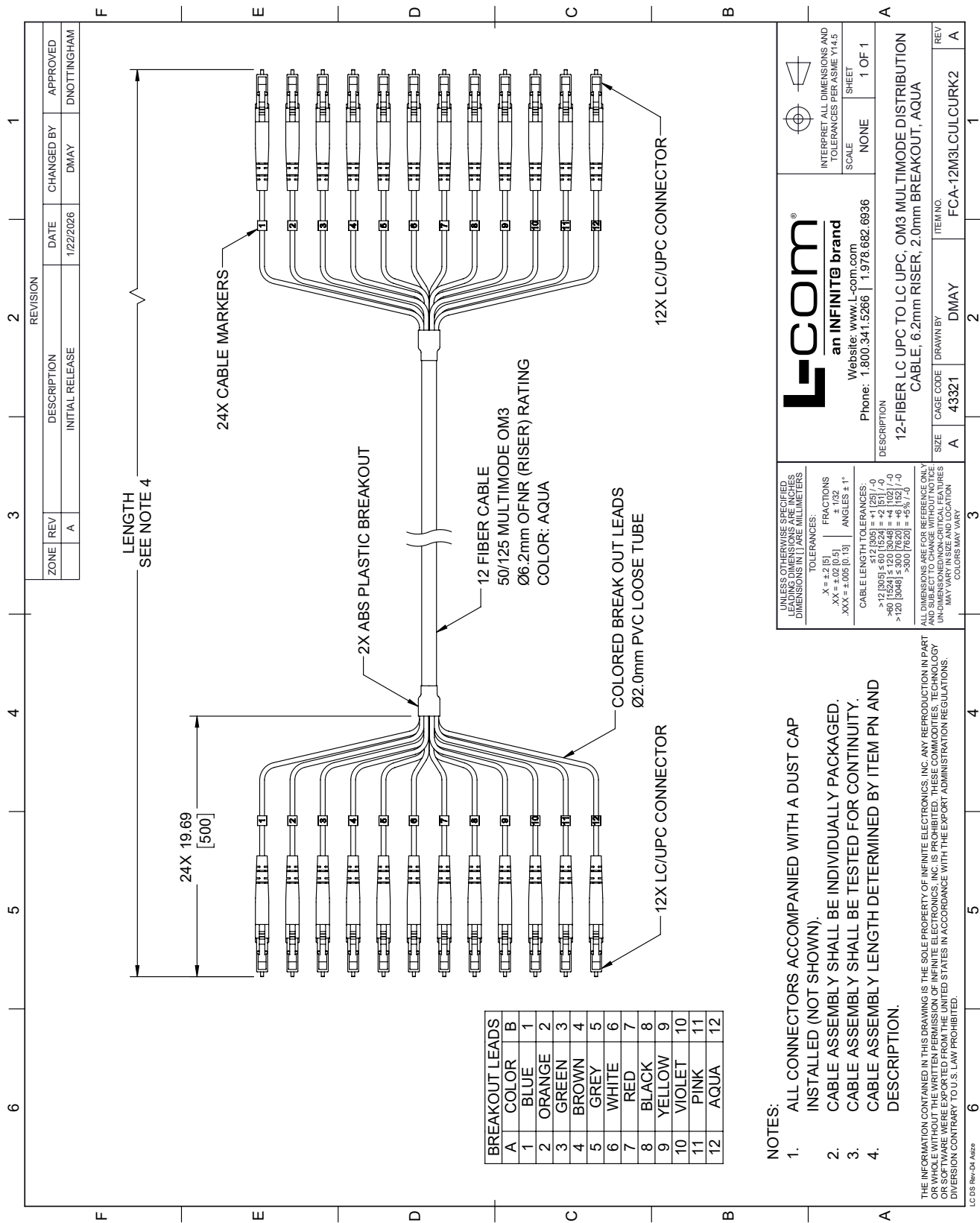
Example: FCA-12M3LCULCURK2-12 = 12 meters long cable
FCA-12M3LCULCURK2-10F = 10 feet long cable

12-Fiber LC UPC to LC UPC, OM3 Multimode Distribution Cable, 6.2mm Riser, 2.0mm breakout, Aqua 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/12-fiber-lc-upc-lc-upc-om3-multimode-distribution-cable-6.2mm-riser-2.0mm-breakout-aqua-fca-12m3lculcurk2>

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 implement 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.

FCA-12M3LCULCURK2 CAD Drawing
12-Fiber LC UPC to LC UPC, OM3 Multimode Distribution Cable, 6.2mm Riser, 2.0mm breakout, Aqua



NOTES:

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

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LC DS Rev-04 Atlas

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS		TOLERANCES:	
X = ±2 [5]	FRACTIONS ± 1/32	XX = ±0.02 [0.5]	ANGLES ± 1°
XXX = ±0.05 [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] = ±6 [152] / -0			
>300 [7620] = ±5% / -0			
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE UNLESS INDICATED OTHERWISE. DIMENSIONS MAY VARY.			

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SHEET: 1 OF 1		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	

DESCRIPTION	SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
12-FIBER LC UPC TO LC UPC, OM3 MULTIMODE DISTRIBUTION CABLE, 6.2mm RISER, 2.0mm BREAKOUT, AQUA	A	43321	DMAY	FCA-12M3LCULCURK2	A