

## Fiber Optic Patch Cable, Dual SC UPC to ST UPC, MM OM4, 2.0mm Plenum, Aqua-10M



### FCA-2M4SCUSTUP2-10

#### Features

- Multimode OM4 indoor fiber optic cable assembly
- Dual SC UPC to Dual ST UPC
- Indoor Plenum (OFNP) rated cable
- Suitable for wall, ceiling, conduits, and between buildings
- 2.0mm x 4.1mm duplex zip-cord
- Custom lengths available with the same fast delivery

#### Applications

- Telecom & Networking
- Data Centers
- Enterprise and Corporate Networks
- Broadcasting & Media Production
- Military & Defense
- Healthcare & Medical Imaging
- Transportation & Rail
- Oil & Gas

#### Description

The L-com FCA-2M4SCUSTUP2-10 is a fiber optic patch cable assembly that is equipped with dual SC/UPC to dual ST/UPC connectors. As an OM4 fiber optic jumper, this patch cable assembly is designed for ultra-high-speed, high-bandwidth data transmission, supporting greater distances and faster speeds than OM1 and OM3 fiber. The aqua blue fiber optic cable assembly has an OFNP-rated PVC jacket and is available in length of 10 meters.

Our fiber optic cable 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-2M4SCUSTUP2-10 patch cable has a maximum insertion loss of 0.3 dB. With an operating temperature range of 0 to 60 degrees C, this cable assembly provides reliable performance across diverse conditions.

This fiber optic cable from L-com is suitable for applications such as telecom and networking, data centers, enterprise and corporate networks, broadcasting and media production, military and defense, healthcare and medical imaging, transportation and rail, and oil and gas. Our patch cable comes with a fiber diameter of 50/125 um and a cable diameter of 2 mm. Additional dimensions, specifications, and CAD drawings for this FCA-2M4SCUSTUP2-10 fiber optic cord can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of dual SC/UPC to dual ST/UPC fiber optic patch cords 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 OM4 multimode fiber optic cable that meets your requirements.

#### Configuration

|                     |                  |
|---------------------|------------------|
| Function            | Patch            |
| Cable Type          | Duplex Multimode |
| Mode                | Multimode        |
| Mode Class          | OM4              |
| Fiber Diameter      | 50/125 um        |
| Connection 1 Type   | SC               |
| Connection 1 Polish | UPC              |
| Connection 2 Type   | ST               |
| Connection 2 Polish | UPC              |
| Cable Color         | Aqua Blue        |

#### Optical Specifications

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

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

### Mechanical Specifications

#### Cable Assembly

|                |                     |
|----------------|---------------------|
| Length         | 10 m [393.70 in]    |
| Width/Diameter | 2 mm                |
| Weight         | 35.38 g [0.078 lbs] |

#### Cable

|                                            |       |
|--------------------------------------------|-------|
| Cable Type                                 | Patch |
| Static Bend Radius                         | 15 mm |
| Dynamic Bend Radius                        | 30 mm |
| Max Crush Resistance, Short Term (N/100mm) | 300   |
| Max Crush Resistance, Long Term (N/100mm)  | 100   |

### Connectors

| Description      | Connector 1 | Connector 2 |
|------------------|-------------|-------------|
| Type             | SC          | ST          |
| Connector Polish | UPC         | UPC         |

### Environmental Specifications

|                                |                  |
|--------------------------------|------------------|
| Operating Range Temperature    | 0 to +60 deg C   |
| Storage Range Temperature      | -20 to +60 deg C |
| Ingress Protection (IP) Rating | Non-Rated        |

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

### Plotted and Other Data

Notes:

Fiber Optic Patch Cable, Dual SC UPC to ST  
UPC, MM OM4, 2.0mm Plenum, Aqua-10M



## FCA-2M4SCUSTUP2-10

### Typical Performance Data

### How to Order

|                            |                        |            |           |                                                  |
|----------------------------|------------------------|------------|-----------|--------------------------------------------------|
| Part Number Configuration: | <b>FCA-2M4SCUSTUP2</b> | <b>-XX</b> | <b>UU</b> |                                                  |
|                            |                        |            |           | Unit of Measure:<br>F = Feet<br><blank> = Meters |
|                            |                        |            |           | Lengths                                          |
|                            |                        |            |           | Base Number                                      |

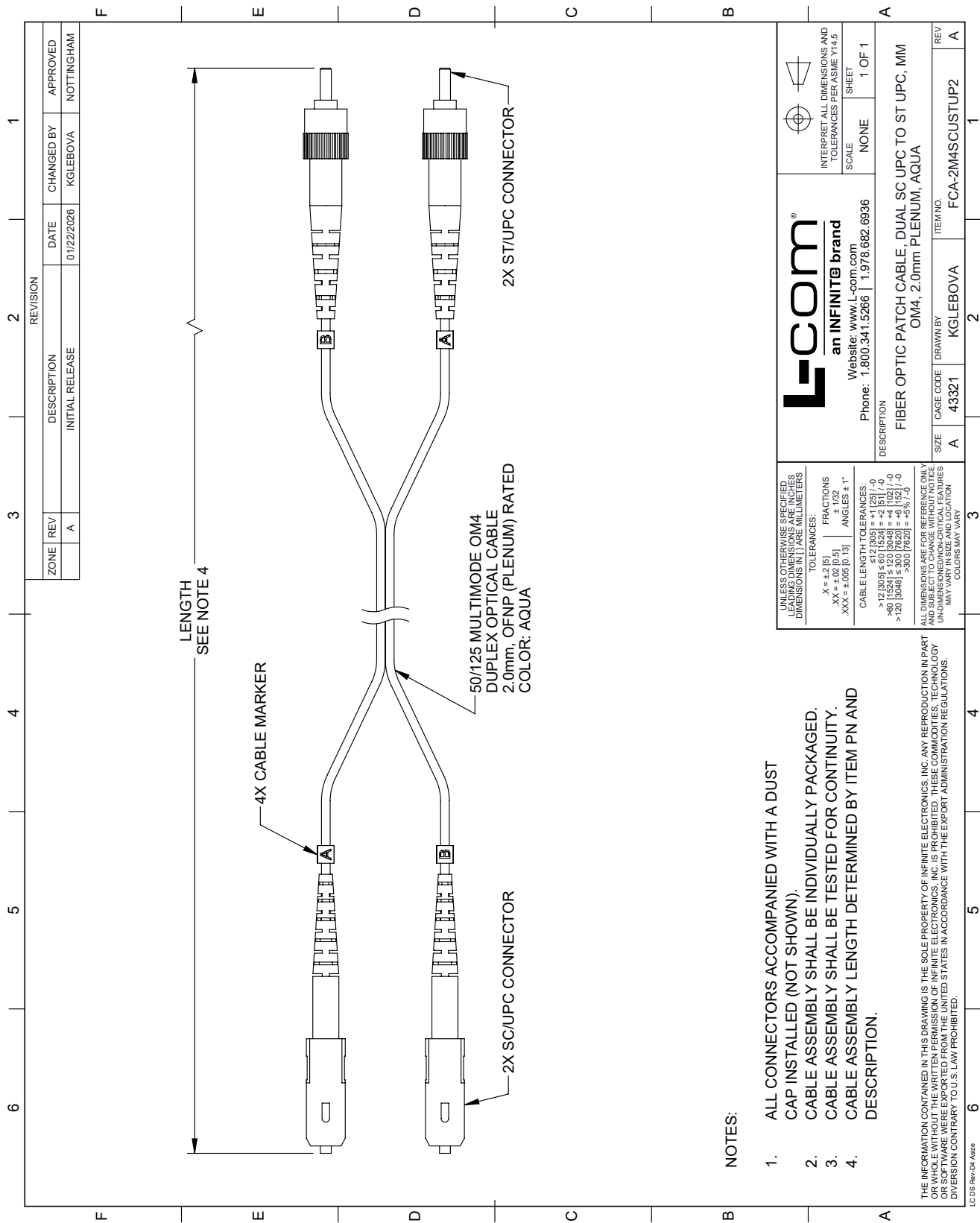
Example: FCA-2M4SCUSTUP2-12 = 12 meters long cable  
FCA-2M4SCUSTUP2-10F = 10 feet long cable

Fiber Optic Patch Cable, Dual SC UPC to ST UPC, MM OM4, 2.0mm Plenum, Aqua-10M 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/fiber-optic-patch-cable-dual-sc-upc-st-upc-mm-om4-2.0mm-plenum-aqua-10m-fca-2m4scustup2-10-p.aspx>

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-2M4SCUSTUP2-10 CAD Drawing
Fiber Optic Patch Cable, Dual SC UPC to ST UPC, MM OM4, 2.0mm Plenum, Aqua-10M



|                                                                                                                                                                              |  |                                                                                                 |  |                                                                                           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS                                                                                   |  | L-com®<br>an INFINITE brand<br>Website: www.L-com.com<br>Phone: 1.800.341.5266   1.978.682.6936 |  | INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5                                    |  |
| TOLERANCES:<br>X = ±.2 [5]<br>.XX = ±.02 [0.5]<br>.XXX = ±.005 [0.13]                                                                                                        |  | FRACTIONS<br>± 1/32<br>ANGLES ± 1°                                                              |  | SCALE<br>NONE                                                                             |  |
| CABLE LENGTH TOLERANCES:<br>≤12 [305] ±.001 [524] = ±.2 [5] / -0<br>>12 [305] ≤60 [1524] = ±.2 [5] / -0<br>>60 [1524] ≤300 [7620] = ±.4 [10] / -0<br>>300 [7620] = ±.5% / -0 |  | SHEET<br>1 OF 1                                                                                 |  | DESCRIPTION<br>FIBER OPTIC PATCH CABLE, DUAL SC UPC TO ST UPC, MM OM4, 2.0mm PLENUM, AQUA |  |
| ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE UNLESS OTHERWISE SPECIFIED. DIMENSIONS MAY VARY.                                                  |  | CAGE CODE<br>A 43321                                                                            |  | ITEM NO.<br>FCA-2M4SCUSTUP2                                                               |  |
| DRAWN BY<br>KGLEBOVA                                                                                                                                                         |  | REV<br>A                                                                                        |  | REV<br>A                                                                                  |  |

- 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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