# Fiber Optic Patch Cable, Dual SC UPC to ST UPC, SM OS2, 2.0mm Plenum, Yellow -5M

## FCA-2S2SCUSTUP2-5

### Features

- Single Mode OS2 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-2S2SCUSTUP2-5 is a fiber optic patch cable assembly that is equipped with dual SC/UPC to dual ST/UPC connectors. This cable assembly comes with a single mode OS2 fiber that offers stable, high-speed transmission over long distances. The yellow fiber optic cable has an OFNP-rated PVC 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. L-com's FCA-2S2SCUSTUP2-5 patch cable has a maximum insertion loss of 0.3 dB and has a length of 5 meters. 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 9/125 um and a cable diameter of 2 mm. Additional dimensions, specifications, and CAD drawings for this FCA-2S2SCUSTUP2-5 fiber optic cord component 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 OS2 single mode fiber optic cable that meets your requirements.

### Configuration

| | |
|---|---|
| Function | Patch |
| Cable Type | Duplex Single Mode |
| Mode | Single Mode |
| Mode Class | OS2 |
| Fiber Diameter | 9/125 um |
| Connection 1 Type | SC |
| Connection 1 Polish | UPC |
| Connection 2 Type | ST |
| Connection 2 Polish | UPC |
| Cable Color | Yellow |

### Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Return Loss - LC, ST, SC, FC | 50 | | | dB |


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### Optical Specifications

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

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length | 5 m [196.85 in] |
| Width/Diameter | 2 mm |
| Weight | 24.04 g [0.053 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:


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## FCA-2S2SCUSTUP2-5

### Typical Performance Data

### How to Order

Part Number Configuration: **FCA-2S2SCUSTUP2** **-XX** **UU**

- UU — Unit of Measure:
  - F = Feet
  - <blank> = Meters
- XX — Lengths
- FCA-2S2SCUSTUP2 — Base Number

Example: FCA-2S2SCUSTUP2-12 = 12 meters long cable
FCA-2S2SCUSTUP2-10F = 10 feet long cable

Fiber Optic Patch Cable, Dual SC UPC to ST UPC, SM OS2, 2.0mm Plenum, Yellow -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/fiber-optic-patch-cable-dual-sc-upc-st-upc-sm-os2-2.0mm-plenum-yellow-5m-fca-2s2scustup2-5-p.aspx

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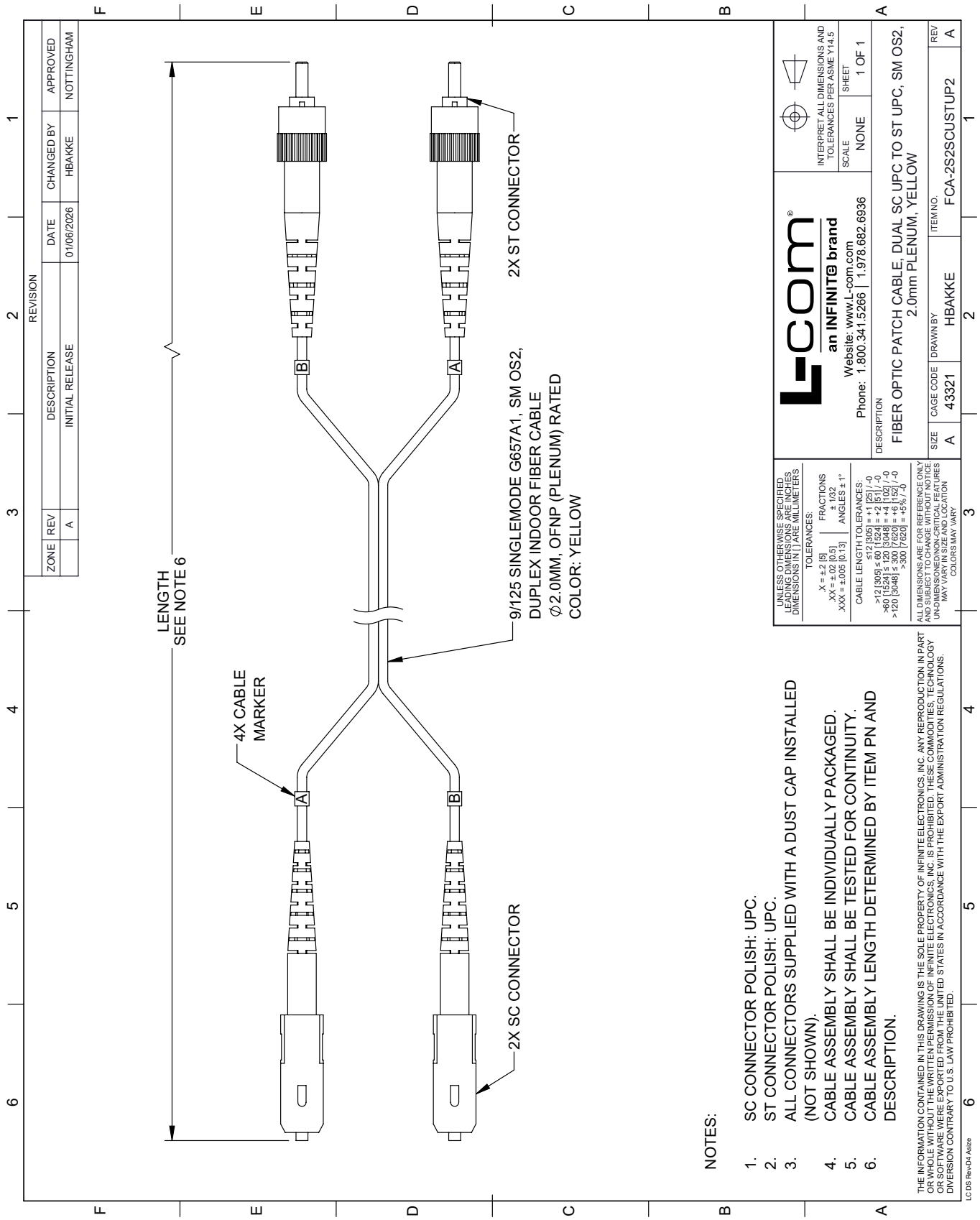
# FCA-2S2SCUSTUP2-5 CAD Drawing

Fiber Optic Patch Cable, Dual SC UPC to ST UPC, SM OS2, 2.0mm Plenum, Yellow -5M



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