Fiber Optic Patch Cable, Dual SC APC to ST UPC, SM OS2, 2.0mm LSZH, Yellow-1M

FCA-2S2SCASTUZ2-1

Features

- Single Mode OS2 indoor fiber optic cable assembly
- Dual SC APC to Dual ST UPC
- Indoor Low smoke zero halogen (LSZH) cable
- Suitable for confined installations where flame resistance is required
- 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-2S2SCASTUZ2-1 is a fiber optic patch cable assembly that is equipped with dual SC/APC 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 LSZH-rated PE 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-2S2SCASTUZ2-1 patch cable has a maximum insertion loss of 0.3 dB and has a length of 1 meter. With an operating temperature range of -20 to 70 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-2S2SCASTUZ2-1 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/APC 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	APC
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	1 m [39.37 in]
Width/Diameter	2 mm
Weight	14.97 g [0.033 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	APC	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:

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Typical Performance Data

How to Order

Part Number Configuration: **FCA-2S2SCASTUZ2** **-XX** **UU**

- UU — Unit of Measure:
  F = Feet
  <blank> = Meters
- XX — Lengths
- FCA-2S2SCASTUZ2 — Base Number

Example: FCA-2S2SCASTUZ2-12 = 12 meters long cable
FCA-2S2SCASTUZ2-10F = 10 feet long cable

Fiber Optic Patch Cable, Dual SC APC to ST UPC, SM OS2, 2.0mm LSZH, Yellow-1M 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-apc-st-upc-sm-os2-2.0mm-lszh-yellow-1m-fca-2s2scastuz2-1-p.aspx

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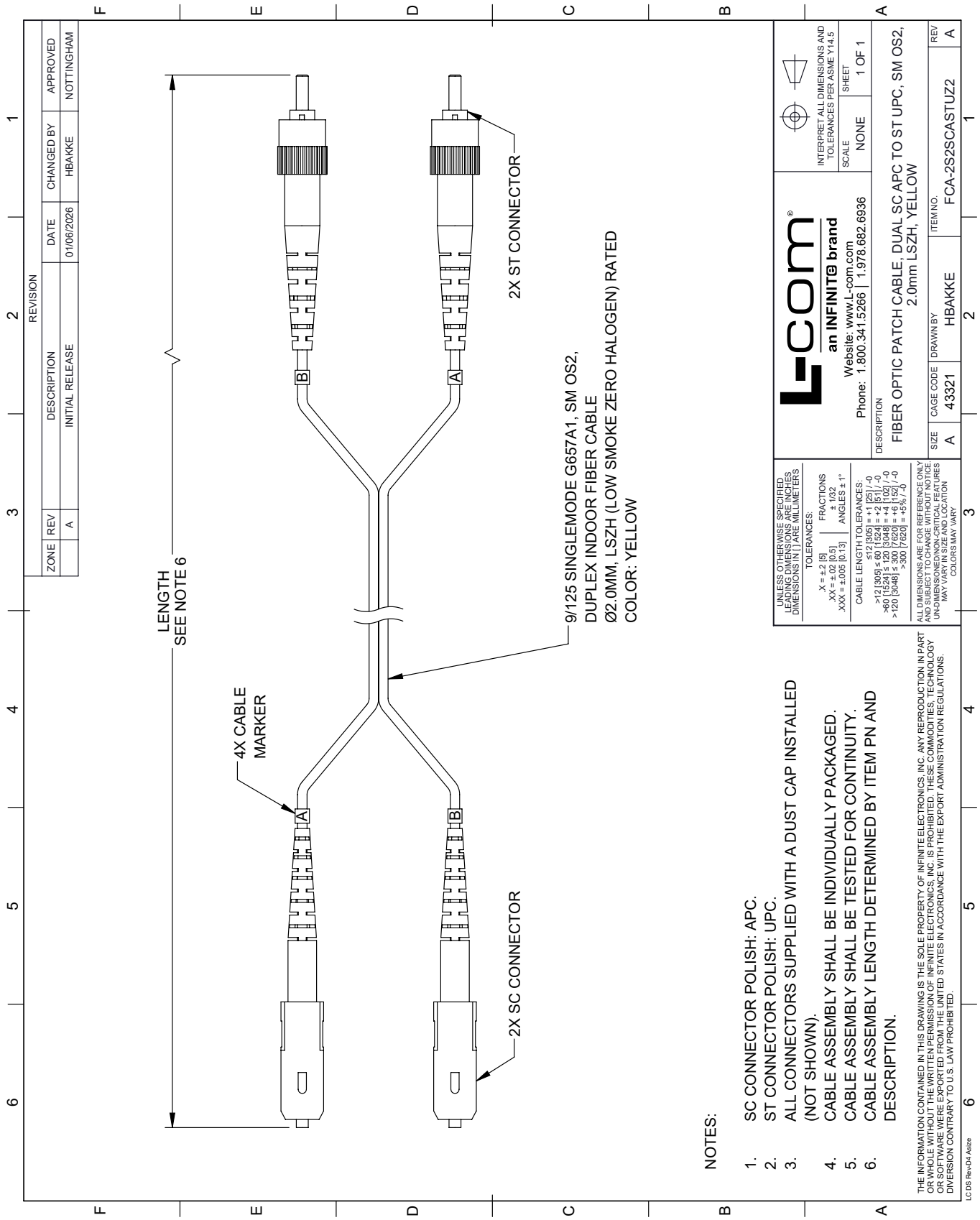
FCA-2S2SCASTUZ2-1 CAD Drawing

Fiber Optic Patch Cable, Dual SC APC to ST UPC, SM OS2, 2.0mm LSZH, Yellow-1M



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