Fiber Optic Patch Cable, Duplex FC UPC, NK to FC UPC, NK, SM OS2, 2.0mm Plenum, Yellow-7M

FCA-2S2FCUFCUP2-7

Features

- Single Mode OS2 indoor fiber optic cable assembly
- Dual FC UPC to Dual FC 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
- Fiber Optic Test & Measurement
- Medical & Biomedical
- Military & Defense
- Industrial Automation & Sensing
- Scientific Research & High-Precision Optical Systems

Description

The L-com FCA-2S2FCUFCUP2-7 is a fiber optic patch cable assembly that is equipped with dual FC/UPC to dual FC/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 assembly has an OFNP-rated PVC jacket and a cable length of 7 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-2S2FCUFCUP2-7 patch cable has a maximµm 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, fiber optic test and measurement, medical and biomedical, military and defense, industrial automation and sensing, and scientific research and high precision optical systems. Our patch cable comes with a fiber diameter of 9/125 µm and a cable diameter of 2 mm. Additional dimensions, specifications, and CAD drawings for this duplex fiber optic cord can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of dual FC/UPC to dual FC/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 µm
Connection 1 Type	FC
Connection 1 Polish	UPC
Connection 2 Type	FC
Connection 2 Polish	UPC
Cable Color	Yellow

Optical Specifications

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

© 2026 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.

Fiber Optic Patch Cable, Duplex FC UPC, NK to FC UPC, NK, SM OS2, 2.0mm Plenum, Yellow-7M

FCA-2S2FCUFCUP2-7

Optical Specifications

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

Mechanical Specifications

Cable Assembly

Length	7 m [275.59 in]
Width/Diameter	2 mm
Weight	32.21 g [0.071 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	FC	FC
Specification	Key with of 1.95mm-2.05mm	Key with of 1.95mm-2.05mm
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:

© 2026 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.

Fiber Optic Patch Cable, Duplex FC UPC, NK to FC UPC, NK, SM OS2, 2.0mm Plenum, Yellow-7M

FCA-2S2FCUFCUP2-7

Typical Performance Data

How to Order

Part Number Configuration: **FCA-2S2FCUFCUP2** **-XX** **UU**

- UU — Unit of Measure:
  F = Feet
  <blank> = Meters
- XX — Lengths
- FCA-2S2FCUFCUP2 — Base Number

Example: FCA-2S2FCUFCUP2-12 = 12 meters long cable
FCA-2S2FCUFCUP2-10F = 10 feet long cable

Fiber Optic Patch Cable, Duplex FC UPC, NK to FC UPC, NK, SM OS2, 2.0mm Plenum, Yellow-7M 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.

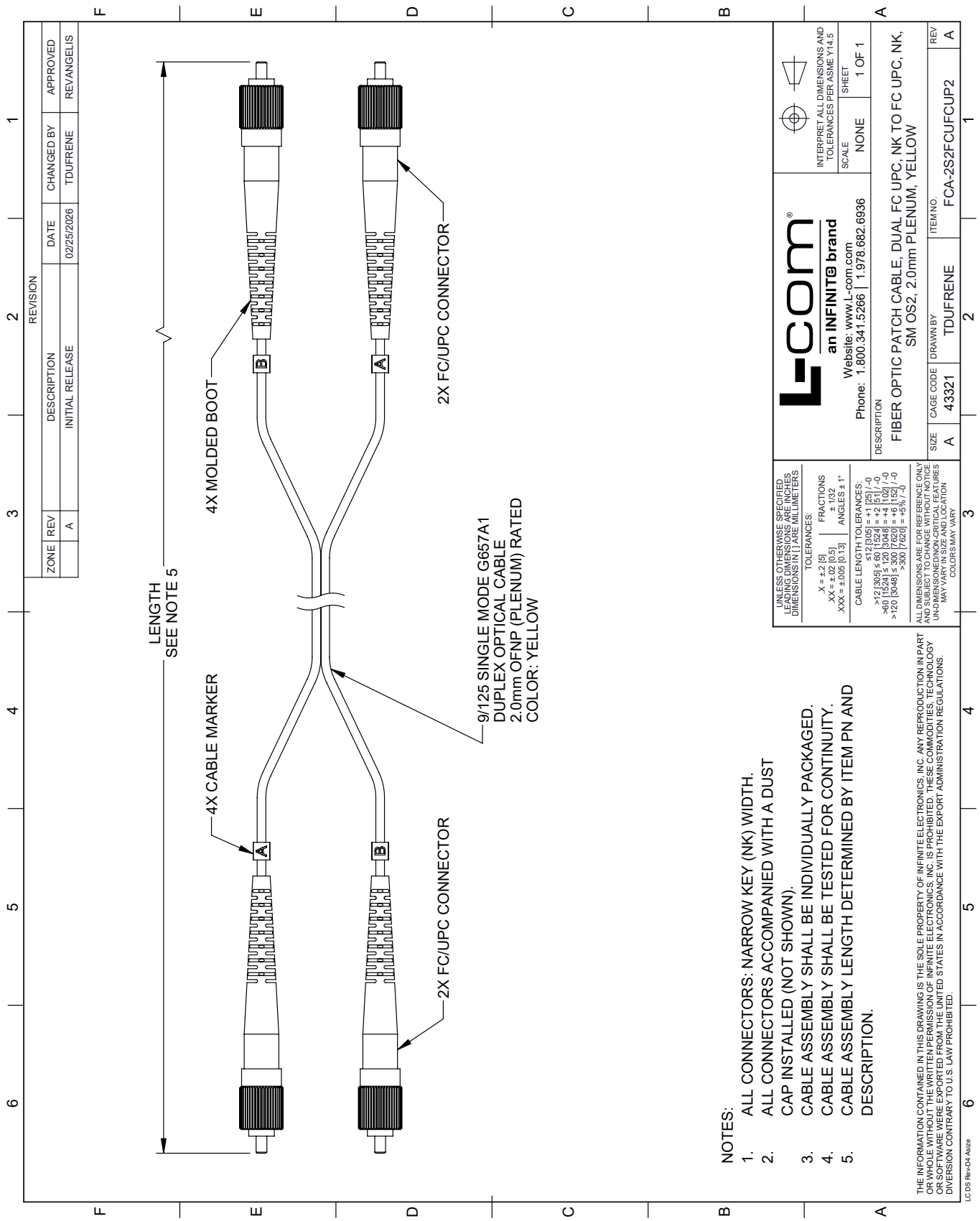
URL: https://www.l-com.com/fiber-optic-patch-cable-duplex-fc-upc-nk-fc-upc-nk-sm-os2-2.0mm-plenum-yellow-7m-fca-2s2fcufcup2-7

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.

© 2026 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.

FCA-2S2FCUFCUP2-7 CAD Drawing

Fiber Optic Patch Cable, Duplex FC UPC, NK to FC UPC, NK, SM OS2, 2.0mm Plenum, Yellow-7M



© 2025 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.