Fiber Optic Patch Cable, Simplex LC APC to LC APC, SM OS2, 2.0mm Riser, Yellow - 1 meter

PE3FCA031-1M

Features

- OS2 Single Mode G657A1 fiber optic cable assembly
- Simplex LC/APC to Simplex LC/APC
- 2.0mm Riser rated cable for indoor applications
- 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 PE3FCA031-1 fiber optic patch cord from Pasternack is a robust and versatile fiber optic cable assembly designed for high-performance data transmission in various environments. Equipped with Simplex LC/APC to LC/APC connectors, this simplex OS2 Single Mode fiber optic patch cable is optimized for indoor use, featuring a Riser rating that ensures compliance with fire and safety standards. The 2.0mm diameter construction, combined with its yellow color, makes it easy to identify in complex setups, while its operating temperature range of -20C° to 70°C and storage temperature of -40°C to 70°C provides reliable performance across diverse conditions.

Pasternack's PE3FCA031-1 fiber optic jumper is ideal for applications where reliable, long-range data connectivity is critical. The single mode design of the OS2 fiber offers stable, high-speed transmission over long distances, making it suitable for Telecom & Networking, Data Centers, and Corporate Networks. With the flexibility of custom lengths, the PE3FCA031-1 fiber optic assembly can be tailored to meet specific installation requirements, ensuring efficient network management in high-density setups without compromising on delivery time or quality.

Beyond networking, the Pasternack PE3FCA031-1 fiber patch cord supports an array of industry applications, from Broadcasting & Media Production and Military & Defense to Healthcare & Medical Imaging. This fiber assembly offers a reliable and durable solution for any setting requiring high-quality data transmission in a controlled, indoor environment. For further information on similar fiber optic products, our expert technical support and trained sales team can get you the ideal fiber optic simplex cable assembly as per your requirements.

Configuration

Function	Patch
Cable Type	Simplex Single Mode
Mode	Single Mode
Mode Class	OS2
Fiber Diameter	9/125 um
Connection 1 Type	LC
Connection 1 Polish	APC
Connection 2 Type	LC
Connection 2 Polish	APC
Cable Color	Yellow

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Return Loss	60			dB

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Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss			0.3	dB

Mechanical Specifications

Cable Assembly

Length	1 m [39.37 in]
Width/Diameter	2 mm
Weight	226.8 g [0.5 lbs]

Cable

Cable Type	Patch
Static Bend Radius	15 mm
Dynamic Bend Radius	30 mm
Max Crush Resistance, Short Term (N/100mm)	200
Max Crush Resistance, Long Term (N/100mm)	50

Connectors

Description	Connector 1	Connector 2
Type	LC	LC
Connector Polish	APC	APC

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: **PE3FCA031 - xx uu**

- uu — Unit of Measure:
  - M = Meters
  - <blank> = Inches
- xx — Length
- PE3FCA031 — Base Number

Example: PE3FCA031-12 = 12 inches long cable
PE3FCA031-100cm = 100 cm long cable

Fiber Optic Patch Cable, Simplex LC APC to LC APC, SM OS2, 2.0mm Riser, Yellow - 1 meter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Fiber Optic Patch Cable, Simplex LC APC to LC APC, SM OS2, 2.0mm Riser, Yellow - 1 meter PE3FCA031-1M

URL: https://www.pasternack.com/lc-lc-single-mode-fiber-optic-cable-assembly-pe3fca031-1m-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 impliment improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

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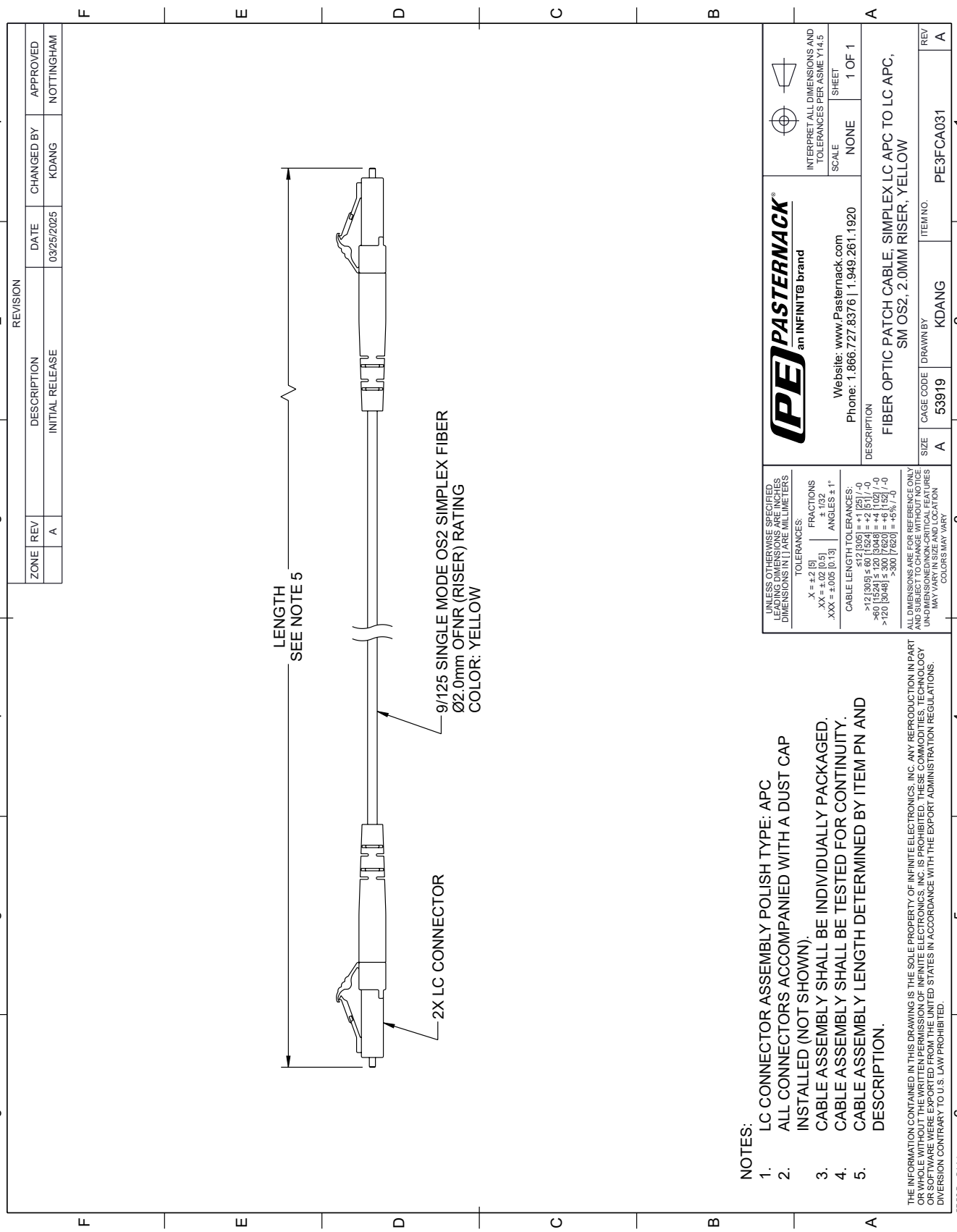
PE3FCA031-1M CAD Drawing

Fiber Optic Patch Cable, Simplex LC APC to LC APC, SM OS2, 2.0mm Riser, Yellow - 1 meter



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