Fiber Optic Patch Cable, Simplex LC APC to LC UPC, SM OS2, 2.0mm Plenum, Yellow-10M



PE3FCA484-10M

Features

- Single Mode OS2 fiber optic cable assembly
- Simplex LC APC to LC UPC
- Indoor Plenum (OFNP) cable
- Suitable for wall, ceiling, conduits, and between buildings
- 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 PE3FCA484-10M fiber optic patch cord is a robust and versatile fiber optic cable assembly from Pasternack designed for high-performance data transmission in various environments. Equipped with Simplex LC APC to LC UPC connectors, this simplex OS2 Single Mode fiber optic patch cable is optimized for indoor use, featuring a Plenum (OFNP) cable 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 0°C to 60°C and storage temperature of -20°C to 60°C provides reliable performance across diverse conditions.

The Pasternack PE3FCA484-10M 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, Pasternack's PE3FCA484-10M fiber optic assembly can be tailored to meet specific installation requirements, ensuring efficient network management in high-density, fiber setups without compromising on delivery time or quality.

Beyond networking, the Pasternack PE3FCA484-10M 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	UPC
Cable Color	Yellow

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Return Loss	50			dB

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Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss			0.3	dB

Mechanical Specifications

Cable Assembly

Length	10 m [393.70 in]
Width/Diameter	2 mm
Weight	11.79 g [0.026 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	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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PE3FCA484-10M

Typical Performance Data

How to Order

Part Number Configuration: **PE3FCA484 - xx uu**

- uu — Unit of Measure:
  - M = Meters
  - <blank> = Inches
- xx — Length
- PE3FCA484 — Base Number

Example: PE3FCA484-12 = 12 inches long cable
PE3FCA484-100cm = 100 cm long cable

Fiber Optic Patch Cable, Simplex LC APC to LC UPC, SM OS2, 2.0mm Plenum, Yellow-10M 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 UPC, SM OS2, 2.0mm Plenum, Yellow-10M PE3FCA484-10M

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PE3FCA484-10M CAD Drawing

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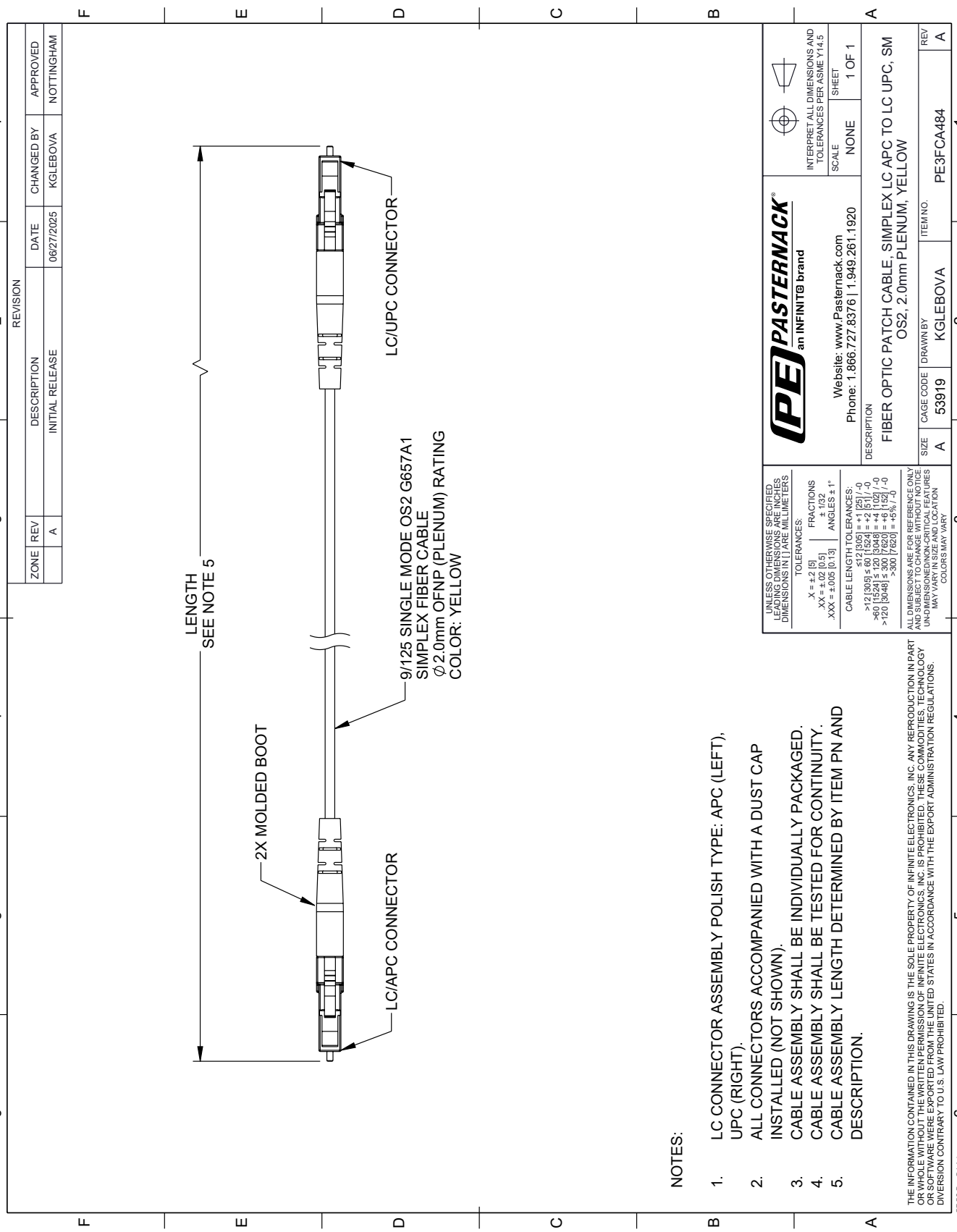

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