Fiber Optic Patch Cable, Simplex ST UPC to ST UPC, MM OM4, 2.0mm LSZH, Aqua-3M

PE3FCA477-3M

Features

- Multimode OM4 fiber optic cable assembly
- Simplex ST UPC to ST UPC
- Indoor Low Smoke Zero Halogen (LSZH) cable
- Suitable for confined installations where flame resistance is required
- 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 PE3FCA477-3M fiber optic patch cord from Pasternack is a high-performance OM4 simplex fiber optic cable assembly designed for efficient data transmission across a range of demanding environments. Equipped with simplex ST UPC to ST UPC connectors, this simplex OM4 multimode fiber optic patch cable is engineered for indoor applications, featuring a Low Smoke Zero Halogen (LSZH) rating that meets fire and safety standards. Its 2.0mm diameter and Aqua color make it easy to manage within complex network infrastructures. With an operating temperature range of -20°C to 70°C and storage temperature of -40°C to 70°C, this fiber optic jumper is built to perform reliably across diverse conditions.

As an OM4 fiber optic jumper, Pasternack's PE3FCA477-3M is optimized for high-speed, high-bandwidth data transfer, supporting faster, longer-distance connectivity compared to OM1 fiber. This makes it ideal for applications such as Telecom & Networking, Data Centers, and Enterprise and Corporate Networks where extended reach and performance are critical. Custom lengths are available, allowing the fiber patch cable to be tailored to unique installation needs without affecting delivery times or quality.

In addition to networking, the Pasternack PE3FCA477-3M fiber optic patch cord is well-suited for industries such as Broadcasting & Media Production, Military & Defense, and Healthcare & Medical Imaging. This fiber optic assembly offers an adaptable and durable solution for any application requiring dependable, high-speed data transmission in indoor environments. 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 Multimode
Mode	Multimode
Mode Class	OM4
Fiber Diameter	50/125 um
Connection 1 Type	ST
Connection 1 Polish	UPC
Connection 2 Type	ST
Connection 2 Polish	UPC
Cable Color	Aqua Blue

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Return Loss	30			dB

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+1 (866) 558-2786 | sales@pasternack.com | pasternack.com

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Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss			0.3	dB

Mechanical Specifications

Cable Assembly

Length	3 m [118.11 in]
Width/Diameter	2 mm
Weight	9.98 g [0.022 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	ST	ST
Connector Polish	UPC	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: **PE3FCA477 - xx uu**

- **uu** — Unit of Measure:
  - M = Meters
  - <blank> = Inches
- **xx** — Length
- **PE3FCA477** — Base Number

Example: PE3FCA477-12 = 12 inches long cable
PE3FCA477-100cm = 100 cm long cable

Fiber Optic Patch Cable, Simplex ST UPC to ST UPC, MM OM4, 2.0mm LSZH, Aqua-3M 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 ST UPC to ST UPC, MM OM4, 2.0mm LSZH, Aqua-3M PE3FCA477-3M

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PE3FCA477-3M CAD Drawing

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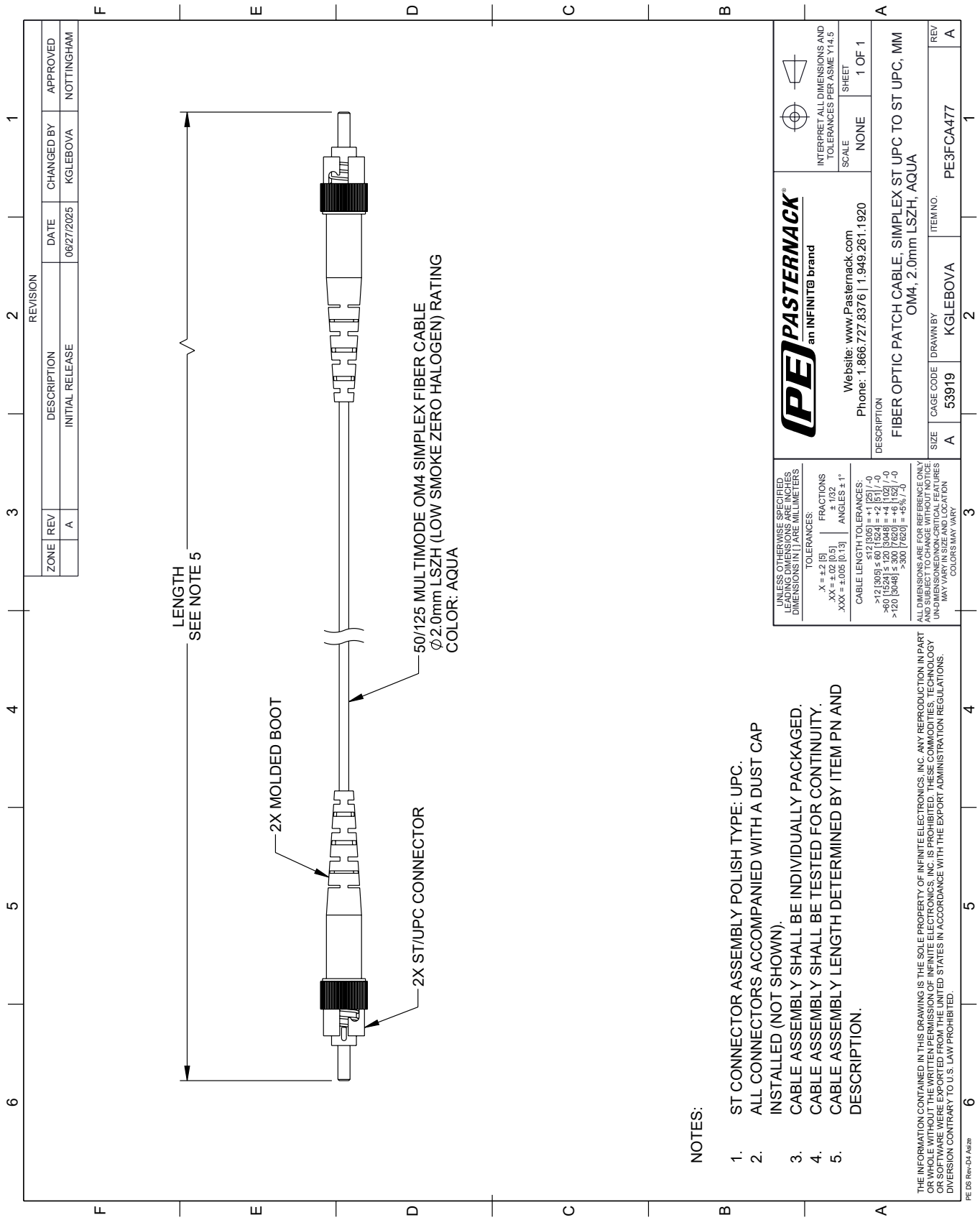

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