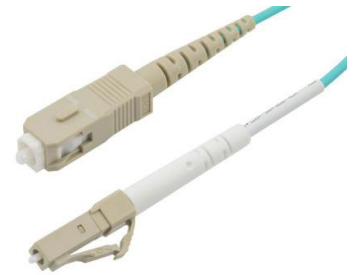


Fiber Optic Patch Cable, Simplex LC UPC to SC UPC, MM OM4, 2.0mm Plenum , Aqua - 5 meter



PE3FCA022-5M

Features

- OM4 multimode fiber optic cable assembly
- Simplex LC/UPC to Simplex SC/UPC
- 2.0mm Plenum 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 PE3FCA022-5M fiber optic patch cord from Pasternack is a high-performance OM4 fiber optic cable assembly, tailored for superior data transmission in high-demand environments. Equipped with Simplex LC/UPC to SC/UPC connectors, this OM4 simplex fiber optic patch cable is optimized for indoor use and comes with a Plenum rating that adheres to fire and safety requirements. With a 2.0mm diameter and aqua color, this fiber optic jumper is easily identifiable in complex network setups. Its operating temperature range of 0°C to 60°C and storage temperature of -20°C to 60°C ensures reliable operation across a variety of environmental conditions.

As an OM4 fiber optic jumper, Pasternack's PE3FCA022-5M is designed for ultra-high-speed, high-bandwidth data transmission, supporting greater distances and faster speeds than OM1 and OM3 fiber. This makes it ideal for Telecom & Networking, Data Centers, and Enterprise and Corporate Networks, where extended reach and top-tier fiber performance is crucial. Custom lengths are available to meet specific installation needs, providing flexibility for various setups while maintaining quick delivery and consistent quality.

Beyond standard networking, the Pasternack's PE3FCA022-5M OM4 fiber patch cord supports specialized applications in industries like Broadcasting & Media Production, Military & Defense, and Healthcare & Medical Imaging. This fiber assembly delivers a versatile and durable solution for any setup requiring robust, high-speed data transmission in controlled 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.

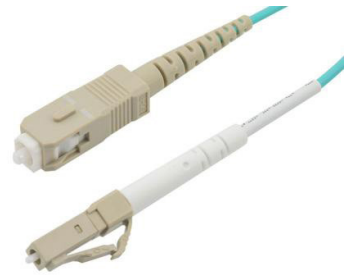
Configuration

| | |
|---------------------|-------------------|
| Function | Patch |
| Cable Type | Simplex Multimode |
| Mode | Multimode |
| Mode Class | OM4 |
| Fiber Diameter | 50/125 um |
| Connection 1 Type | LC |
| Connection 1 Polish | UPC |
| Connection 2 Type | SC |
| Connection 2 Polish | UPC |
| Cable Color | Aqua Blue |

Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-------------|---------|---------|---------|-------|
| Return Loss | 30 | | | dB |

Fiber Optic Patch Cable, Simplex LC UPC to SC UPC, MM OM4, 2.0mm Plenum , Aqua - 5 meter



PE3FCA022-5M

Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|----------------|---------|---------|---------|-------|
| Insertion Loss | | | 0.3 | dB |

Mechanical Specifications

Cable Assembly

| | |
|----------------|-----------------|
| Length | 5 m [196.85 in] |
| Width/Diameter | 2 mm |

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 | SC |
| Connector Polish | UPC | UPC |

Environmental Specifications

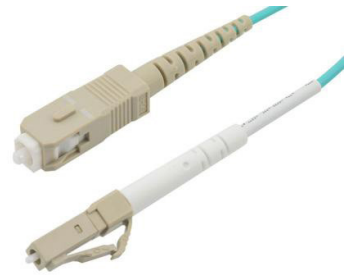
| | |
|--------------------------------|------------------|
| Operating Range Temperature | 0 to +60 deg C |
| Storage Range Temperature | -20 to +60 deg C |
| Ingress Protection (IP) Rating | Non-Rated |

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Fiber Optic Patch Cable, Simplex LC UPC to SC UPC, MM OM4, 2.0mm Plenum , Aqua - 5 meter



PE3FCA022-5M

Typical Performance Data

How to Order

Part Number Configuration:

PE3FCA022

- **xx**

uu

Unit of Measure:

M = Meters

<blank> = Inches

Length

Base Number

Example: PE3FCA022-12 = 12 inches long cable
PE3FCA022-100cm = 100 cm long cable

Fiber Optic Patch Cable, Simplex LC UPC to SC UPC, MM OM4, 2.0mm Plenum , Aqua - 5 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 UPC to SC UPC, MM OM4, 2.0mm Plenum , Aqua - 5 meter PE3FCA022-5M](#)

URL: <https://www.pasternack.com/lc-sc-multimode-fiber-optic-cable-assembly-pe3fca022-5m-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 implement 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.

PE3FCA022-5M CAD Drawing

Fiber Optic Patch Cable, Simplex LC UPC to SC UPC, MM OM4, 2.0mm Plenum , Aqua - 5 meter

