

## Fiber Optic Patch Cable, Dual LC UPC to ST UPC, MM OM4, 2.0mm Riser, Aqua - 10 meter



### PE3FCA071-10M

#### Features

- OM4 multimode fiber optic cable assembly
- Dual LC/UPC to Dual ST/UPC

- 2.0mm x 4.1mm 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 PE3FCA071-10M 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 Dual LC/UPC to Dual ST/UPC connectors, this OM4 duplex fiber optic patch cable is optimized for indoor use and comes with a Riser rating that adheres to fire and safety requirements. With a 2.0mm x 4.1mm diameter and aqua color, this fiber optic jumper is easily identifiable in complex network setups. Its operating temperature range of -20°C to 70°C and storage temperature of -40°C to 70°C ensures reliable operation across a variety of environmental conditions.

As an OM4 fiber optic cable assembly, the Pasternack PE3FCA071-10M 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, Pasternack's PE3FCA071-10M 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 duplex cable assembly as per your requirements.

#### Configuration

|                     |                  |
|---------------------|------------------|
| Function            | Patch            |
| Cable Type          | Duplex Multimode |
| Mode                | Multimode        |
| Mode Class          | OM4              |
| Fiber Diameter      | 50/125 um        |
| Connection 1 Type   | LC               |
| 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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### 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         | 294.84 g [0.65 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             | LC          | 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:

Fiber Optic Patch Cable, Dual LC UPC to ST UPC,  
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## PE3FCA071-10M

### Typical Performance Data

### How to Order

Part Number Configuration:

**PE3FCA071**

**- xx**

**uu**

Unit of Measure:

M = Meters

<blank> = Inches

Length

Base Number

Example: PE3FCA071-12 = 12 inches long cable  
PE3FCA071-100cm = 100 cm long cable

Fiber Optic Patch Cable, Dual LC UPC to ST UPC, MM OM4, 2.0mm Riser, Aqua - 10 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.

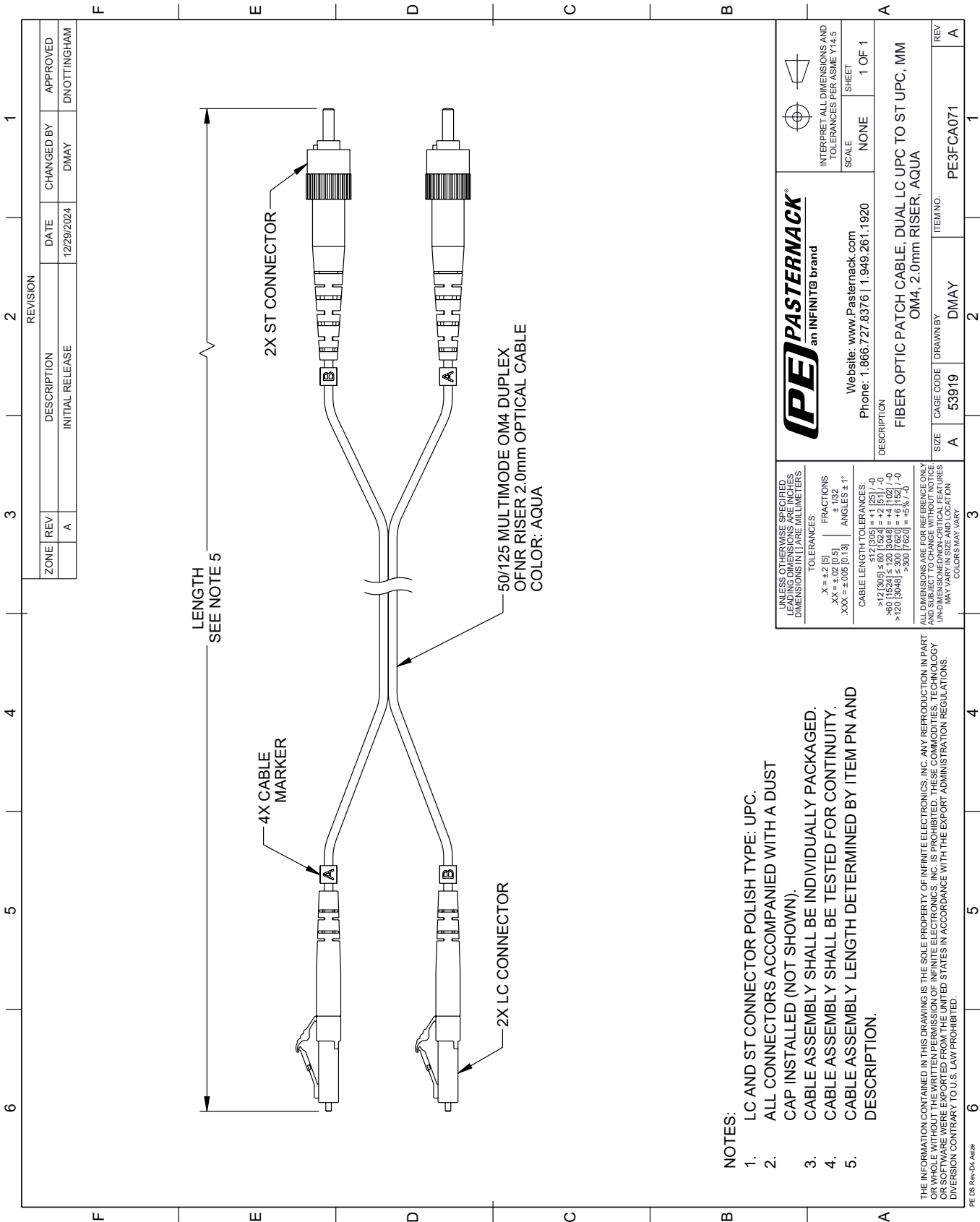
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Fiber Optic Patch Cable, Dual LC UPC to ST UPC, MM OM4, 2.0mm Riser, Aqua - 10 meter PE3FCA071-10M](https://www.pasternack.com/lc-st-multimode-fiber-optic-cable-assembly-pe3fca071-10m-p.aspx)

URL: <https://www.pasternack.com/lc-st-multimode-fiber-optic-cable-assembly-pe3fca071-10m-p.aspx>

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PE3FCA071-10M CAD Drawing

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- NOTES:
- 1. LC AND ST CONNECTOR POLISH TYPE: UPC.
  - 2. ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN).
  - 3. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.
  - 4. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
  - 5. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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|                                                                                                                                                                      |  |                                                                           |  |                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|--------------------------------------------------------|--|
| <b>UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS.</b>                                                              |  | <b>PE PASTERNAK®</b><br>an INFINITE® brand                                |  | INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 |  |
| TOLERANCES:                                                                                                                                                          |  | Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a>       |  | SCALE: NONE                                            |  |
| X = ±.2 [5]                                                                                                                                                          |  | Phone: 1.866.727.8376   1.949.261.1920                                    |  | SHEET: 1 OF 1                                          |  |
| .XX = ±.02 [0.5]                                                                                                                                                     |  |                                                                           |  |                                                        |  |
| .XXX = ±.005 [0.13]                                                                                                                                                  |  |                                                                           |  |                                                        |  |
| ANGLES ± 1°                                                                                                                                                          |  |                                                                           |  |                                                        |  |
| CABLE LENGTH TOLERANCES:                                                                                                                                             |  | DESCRIPTION                                                               |  |                                                        |  |
| >12 [305] ≤ 60 [1524] = ±.125 [-0]                                                                                                                                   |  | FIBER OPTIC PATCH CABLE, DUAL LC UPC TO ST UPC, MM OM4, 2.0mm RISER, AQUA |  |                                                        |  |
| >60 [1524] ≤ 120 [3048] = ±.125 [-0]                                                                                                                                 |  |                                                                           |  |                                                        |  |
| >120 [3048] ≤ 300 [7620] = ±.125 [-0]                                                                                                                                |  |                                                                           |  |                                                        |  |
| >300 [7620] = ±.125 [-0]                                                                                                                                             |  |                                                                           |  |                                                        |  |
| ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS MAY VARY IN SIZE AND LOCATION. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY. |  | SIZE: A                                                                   |  | CAGE CODE: 53919                                       |  |
|                                                                                                                                                                      |  | DRAWN BY: DMAY                                                            |  | ITEM NO: PE3FCA071                                     |  |
|                                                                                                                                                                      |  |                                                                           |  | REV: A                                                 |  |