

Fiber Optic Patch Cable, Dual LC UPC to ST UPC,  
MM OM3, 2.0mm Riser, Aqua - 10 meter



**PE3FCA062-10M**

**Features**

- OM3 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 PE3FCA062-10M fiber optic patch cord from Pasternack is a high-performance OM3 fiber optic cable assembly designed for efficient data transmission across a range of demanding environments. Equipped with Dual LC/UPC to Dual ST/UPC connectors, this duplex OM3 multimode fiber optic patch cable is engineered for indoor applications, featuring a Riser rating that meets fire and safety standards. Its 2.0mm x 4.1mm 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 OM3 fiber optic cable assembly, Pasternack's PE3FCA062-10M 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 PE3FCA062-10M OM3 fiber cable assembly is well-suited for industries such as Broadcasting & Media Production, Military & Defense, and Healthcare & Medical Imaging. This fiber 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 duplex cable assembly as per your requirements.

**Configuration**

|                     |                  |
|---------------------|------------------|
| Function            | Patch            |
| Cable Type          | Duplex Multimode |
| Mode                | Multimode        |
| Mode Class          | OM3              |
| 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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## PE3FCA062-10M

### 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         | 1.52 kg [3.35 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      | -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, Dual LC UPC to ST UPC,  
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## PE3FCA062-10M

### Typical Performance Data

### How to Order

Part Number Configuration:

**PE3FCA062**

- **xx**

**uu**

Unit of Measure:

M = Meters

<blank> = Inches

Length

Base Number

Example: PE3FCA062-12 = 12 inches long cable  
PE3FCA062-100cm = 100 cm long cable

Fiber Optic Patch Cable, Dual LC UPC to ST UPC, MM OM3, 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.

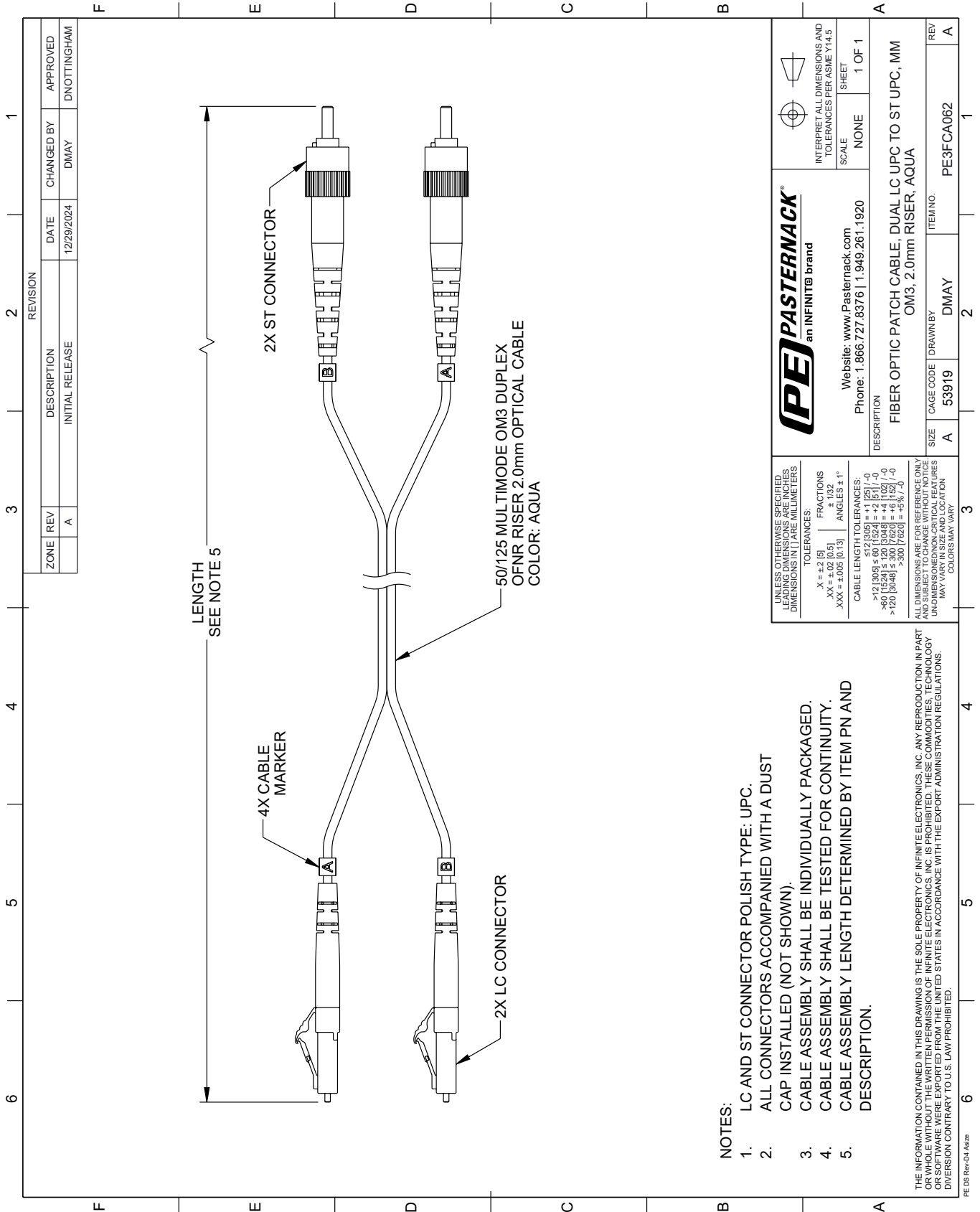
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Fiber Optic Patch Cable, Dual LC UPC to ST UPC, MM OM3, 2.0mm Riser, Aqua - 10 meter PE3FCA062-10M](#)

URL: <https://www.pasternack.com/lc-st-multimode-fiber-optic-cable-assembly-pe3fca062-10m-p.aspx>

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# PE3FCA062-10M CAD Drawing

Fiber Optic Patch Cable, Dual LC UPC to ST UPC, MM OM3, 2.0mm Riser, Aqua - 10 meter



| REVISION |     | DATE            | CHANGED BY | APPROVED   |             |
|----------|-----|-----------------|------------|------------|-------------|
| ZONE     | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED    |
|          | A   | INITIAL RELEASE | 12/29/2024 | DMAY       | DNOTTINGHAM |

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Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE  
SHEET: 1 OF 1

DESCRIPTION: FIBER OPTIC PATCH CABLE, DUAL LC UPC TO ST UPC, MM OM3, 2.0mm RISER, AQUA

|      |   |           |      |          |           |
|------|---|-----------|------|----------|-----------|
| SIZE | A | CAGE CODE | DMAY | ITEM NO. | PE3FCA062 |
| REV  | A |           |      |          |           |

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES, DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 .X = ±.2 [5]  
 .XX = ±.02 [0.5]  
 .XXX = ±.005 [0.13]

FRACTIONS:  
 ± 1/32

ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
 >12 [305] ≤ 60 [1524] = ±.125 [-0  
 >60 [1524] ≤ 120 [3048] = ±.15 [-0  
 >120 [3048] ≤ 300 [7620] = ±.2 [-0  
 >300 [7620] = ±.25 [-0]

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

- 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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