

8-Fiber SC UPC to ST UPC, OM4 Multimode Distribution Cable, 5.6mm Riser, 2.0mm breakout, Aqua-15M



PE3FCA368-15M

Features

- 8X SC UPC to 8X ST UPC
- Indoor multimode OM4
- Riser (OFNR) rated cable
- 5.6mm with tight buffer and aramid yarn strength member
- 2mm TIA 598 color coded, .5M breakout
- Suitable for ceilings and riser areas

Applications

- Data centers
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- Enterprise Networking
- Storage and cloud based services
- AI data storage and communications
- Headend termination to a fiber backbone
- Terminations of data center fiber rack system

Description

High-performance fiber optic cable assemblies, including the PE3FCA368-15M from Pasternack, are designed for modern, high-speed network infrastructures and part of a large selection of same day ship cable assemblies. Whether deploying fiber optic distribution assemblies for enterprise networks, fiber optic breakout assemblies for seamless interconnectivity, or fiber optic patch cord assemblies for structured cabling, our solutions ensure durability and precision. Built for data centers, telecommunications, and industrial applications, our fiber optic distribution breakout assemblies deliver superior performance, ensuring optimal signal integrity and minimal loss.

For longer transmission distances and higher bandwidth, the Pasternack PE3FCA368-15M indoor OM4 fiber optic breakout assembly supports 10Gb Ethernet up to 550 meters and 40G/100G Ethernet up to 150 meters. Built with a tight buffered aramid yarn strength member, this 8-fiber multimode assembly features SC UPC to ST UPC connectors, a 5.6mmmm overall cable diameter, and a 2.0mm breakout diameter, ensuring superior durability and performance. The aqua-colored Riser (OFNR) rated jacket is suitable for ceilings and riser areas, making it a reliable choice for data centers, telecom networks, and high-performance computing environments.

With a bandwidth of 4700MHz·km, Pasternack's PE3FCA368-15M OM4 fiber optic cable delivers low attenuation and high-speed performance for mission-critical applications. Its 42mm (7.5D) minimum bend radius and -20°C to 70°C operating temperature provide the flexibility needed for indoor routing, structured cabling, and conduit installations. Designed for hyperscale data centers and telecom backbones, this fiber optic assembly ensures seamless network connectivity with minimal signal loss. For further information on similar products, our expert technical support and trained sales team can get you the ideal fiber optic multi-fiber cable assembly as per your requirements.

Configuration

| | |
|---------------------|-------------------|
| Function | Breakout |
| Cable Type | 8-Fiber Multimode |
| Mode | Multimode |
| Mode Class | OM4 |
| Fiber Diameter | 50/125 um |
| Connection 1 Type | SC |
| 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 | 15 m [590.55 in] |
| Width/Diameter | 5.6 mm |
| Weight | 195.95 g [0.432 lbs] |

Cable

| | |
|--|----------|
| Cable Type | Breakout |
| Static Bend Radius | 42 mm |
| Dynamic Bend Radius | 84 mm |
| Max Crush Resistance, Short Term (N/100mm) | 1,000 |
| Max Crush Resistance, Long Term (N/100mm) | 300 |

Connectors

| Description | Connector 1 | Connector 2 |
|------------------|-------------|-------------|
| Type | SC | 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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PE3FCA368-15M

Typical Performance Data

How to Order

Part Number Configuration:

PE3FCA368

- XX

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- Unit of Measure:

M = Meters

<blank> = Inches

- Length

- Base Number

Example: PE3FCA368-12 = 12 inches long cable
PE3FCA368-100cm = 100 cm long cable

8-Fiber SC UPC to ST UPC, OM4 Multimode Distribution Cable, 5.6mm Riser, 2.0mm breakout, Aqua-15M 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: [8-Fiber SC UPC to ST UPC, OM4 Multimode Distribution Cable, 5.6mm Riser, 2.0mm breakout, Aqua-15M PE3FCA368-15M](#)

URL: <https://www.pasternack.com/sc-st-multimode-upc-fiber-optic-cable-assembly-pe3fca368-15m-p.aspx>

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PE3FCA368-15M CAD Drawing

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