4-Fiber SC UPC to SC UPC, OM5 Multimode Indoor Distribution Cable, 4.5mm Plenum, 2.0mm breakout, Lime Green-15M



PE3FCA232-15M

Features

- 4X SC UPC to 4X SC UPC
- Indoor multimode OM5
- Plenum (OFNP) rated cable
- 4.5mm with tight buffer and aramid yarn strength member
- 2mm TIA 598 color coded, .5M breakout
- Suitable for wall, ceiling, conduits, and between buildings

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 PE3FCA232-15M 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.

The Pasternack PE3FCA232-15M indoor OM5 fiber optic distribution cable offers cutting-edge Wideband Multimode Fiber (WBMMF) technology, making it an ideal choice for next-generation networking. Supporting at least four WDM channels at 28Gbps per channel over the 850-953nm wavelength range, this 4 fiber assembly is optimized for shortwave Wavelength Division Multiplexing (SWDM). It features SC UPC to SC UPC connectors, a lime green Plenum (OFNP) jacket, and a tight buffered aramid yarn construction for enhanced durabilty.

With a bandwidth of 28000MHz·km, Pasternack's PE3FCA232-15M OM5 fiber optic cable assembly provides high-speed, high-density connectivity for cloud computing, data centers, and 400G Ethernet applications. The 4.5mm overall diameter, 2.0mm breakout diameter, and 33.75mm (7.5D) minimum bend radius offer flexible installation options, while the 0°C to 60°C operating temperature ensures consistent performance in demanding network environments. Engineered for indoor high-speed deployments, this fiber optic assembly guarantees reliability and superior signal integrity. 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	4-Fiber Multimode
Mode	Multimode
Mode Class	OM5
Fiber Diameter	50/125 um
Connection 1 Type	SC
Connection 1 Polish	UPC
Connection 2 Type	SC
Connection 2 Polish	UPC
Cable Color	Lime Green

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	15 m [590.55 in]
Width/Diameter	4.5 mm
Weight	112.49 g [0.248 lbs]

Cable

Cable Type	Breakout
Static Bend Radius	34 mm
Dynamic Bend Radius	67 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	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:

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PE3FCA232-15M

Typical Performance Data

How to Order

Part Number Configuration: **PE3FCA232 - xx uu**

- uu — Unit of Measure:
  - M = Meters
  - <blank> = Inches
- xx — Length
- PE3FCA232 — Base Number

Example: PE3FCA232-12 = 12 inches long cable
PE3FCA232-100cm = 100 cm long cable

4-Fiber SC UPC to SC UPC, OM5 Multimode Indoor Distribution Cable, 4.5mm Plenum, 2.0mm breakout, Lime Green-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.

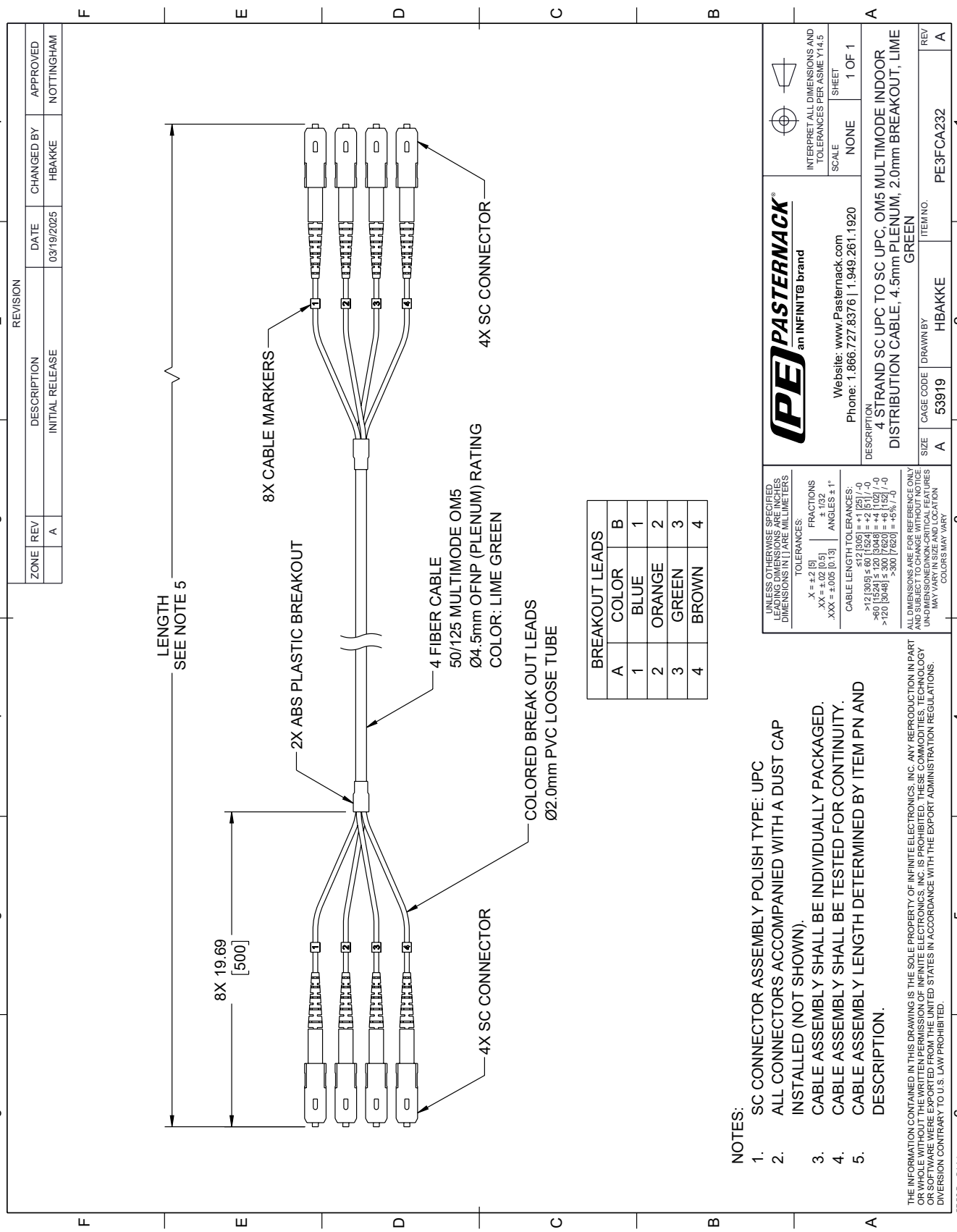
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 4-Fiber SC UPC to SC UPC, OM5 Multimode Indoor Distribution Cable, 4.5mm Plenum, 2.0mm breakout, Lime Green-15M PE3FCA232-15M

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PE3FCA232-15M CAD Drawing

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