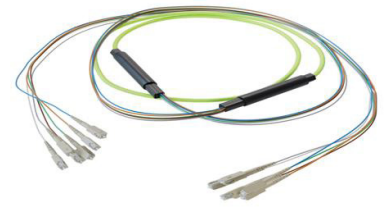


6-Fiber SC UPC to SC UPC, OM5 Multimode Distribution Cable, 5.0mm Plenum, 2.0mm breakout, Lime Green-10M



PE3FCA304-10M

Features

- 6X SC UPC to 6X SC UPC
- Indoor multimode OM5
- Plenum (OFNP) rated cable
- 5.0mm 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 PE3FCA304-10M 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 PE3FCA304-10M 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 6 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 durability.

With a bandwidth of 28000MHz·km, Pasternack's PE3FCA304-10M OM5 fiber optic cable assembly provides high-speed, high-density connectivity for cloud computing, data centers, and 400G Ethernet applications. The 5.0mm overall diameter, 2.0mm breakout diameter, and 37.5mm (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.

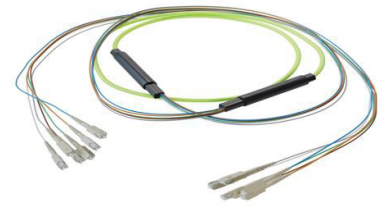
Configuration

Function	Breakout
Cable Type	6 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

6-Fiber SC UPC to SC UPC, OM5 Multimode Distribution
Cable, 5.0mm Plenum, 2.0mm breakout, Lime Green-10M



PE3FCA304-10M

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss			0.3	dB

Mechanical Specifications

Cable Assembly

Length	10 m [393.70 in]
Width/Diameter	5 mm
Weight	114.31 g [0.252 lbs]

Cable

Cable Type	Breakout
Static Bend Radius	37 mm
Dynamic Bend Radius	75 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

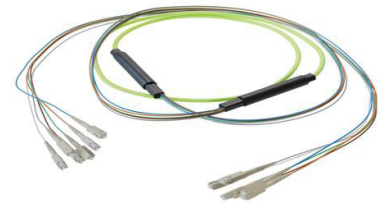
Operating Range Temperature	0 to +60 deg C
Storage Range Temperature	-20 to +60 deg C
Ingress Protection (IP) Rating	Non-Rated

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

Plotted and Other Data

Notes:

6-Fiber SC UPC to SC UPC, OM5 Multimode Distribution
Cable, 5.0mm Plenum, 2.0mm breakout, Lime Green-10M



PE3FCA304-10M

Typical Performance Data

How to Order

Part Number Configuration:

PE3FCA304

- xx

uu

Unit of Measure:

M = Meters

<blank> = Inches

Length

Base Number

Example: PE3FCA304-12 = 12 inches long cable
PE3FCA304-100cm = 100 cm long cable

MARKED AS DISCONTINUED AND REMOVED FROM WEB

6-Fiber SC UPC to SC UPC, OM5 Multimode Distribution Cable,
5.0mm Plenum, 2.0mm breakout, Lime Green-10M

