

Mini Steel Tube Type 0.9mm Fiber Optic PLC Splitter 1X8 250μm Without Connector

Our Product Introduction

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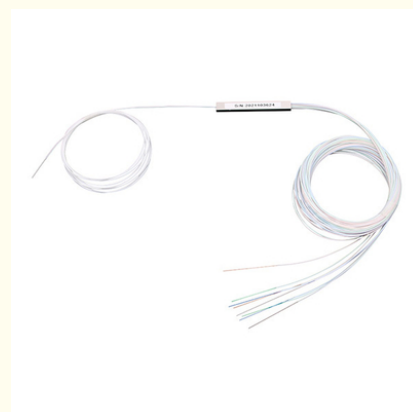
Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: CE, RoHS
- Model Number: PB108BB05
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: Blister Package Plus Carton
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 1000 Pieces



Product Specification

- Configuration Type: 1x 8
- Application: Fiber Distribution Frame, Network Equipment, Fiber Module
- Package Style: Steel Tube, Bare Fiber
- Input/Output OD: 0.9mm
- Insertion Loss: ≤10.5dB
- Used In: FTTH / FTTX
- Connector Type: W/O Connector
- Package Type: Steel Tube Type
- Highlight: **Fiber Optic PLC Splitter, PLC Splitter 250μm, PLC Splitter 1X8**



Product Description

FTTH 1X8 Mini Steel Tube Type 0.9mm Fiber Optic PLC Splitter 250μm Without Connector

PLC splitters are typically crafted from high-quality materials such as silicon and quartz, boasting a compact structure and a small form factor. Their design supports a wide range of configurations, from 1×2 to 1×64, enabling various splitting ratios to meet specific needs. In certain data centers, especially those offering cloud services and virtualization solutions, PLC splitters can be seamlessly integrated with Passive Optical Network (PON) technology, facilitating efficient connections for end users. This integration not only helps reduce operational costs but also simplifies network management. The structure of PLC splitters streamlines fiber connections and management, allowing data center operations teams to easily handle troubleshooting, equipment replacements, and adjustments to network topology, thereby enhancing overall efficiency. Additionally, PLC splitters demonstrate excellent environmental adaptability, ensuring reliable operation in conditions with fluctuating temperatures and humidity. This resilience makes them particularly suitable for diverse operational environments in data centers, guaranteeing long-term reliability.

Features

1. Excellent Mechanical, Small Size.
2. High Reliability.
3. Low insertion Loss and low Polarization Dependent loss.
4. High channel counts.
5. Excellent Environmental Stability and Widely Used.
6. Connector Type: SC or Customer specified.

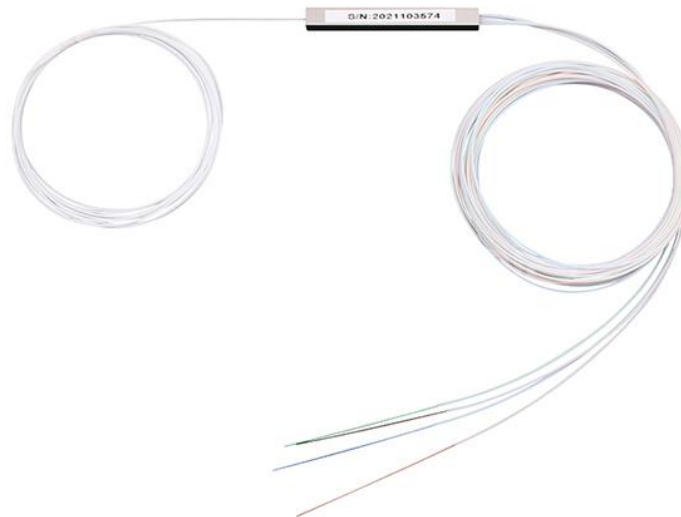
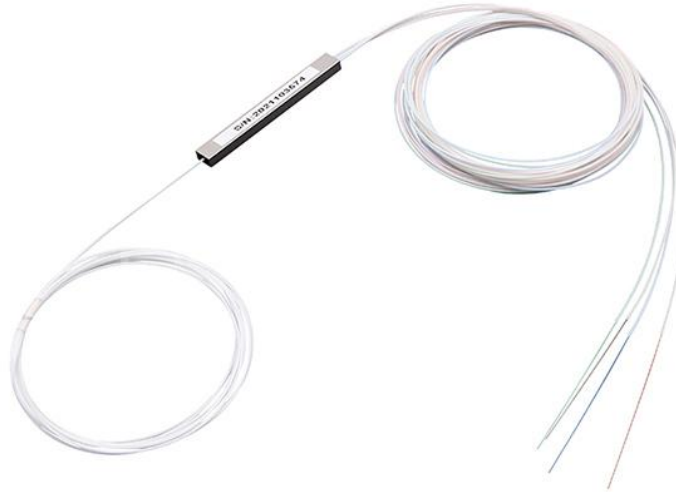
Applications

1. FTB Deployments(GPON/BPON/EPON).
2. Cable television (CATV).
3. Local area networks (LAN).
4. Test equipment.
5. Passive optical networks(PON).

Specifications

Mechanical Specification 1xN							
LGX Cassette Type PLC Splitter							
Type		1x2	1x4	1x8	1x16	1x32	1x64
LGX Cassette Type	Body Material	PP/ABS/PC					
	Input fiber type	900um loose Hytrel tube					
	Output fiber type	900um loose Hytrel tube					
	Input Length	0.5M(+50mm / -0mm)or Customized					
	Output Length	0.5M(+50mm / -0mm)or Customized					
	Connector (Input)	W/O Connector, SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC					
	Connector (Output)	W/O Connector, SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC					

Optical Specification 1xN							
1 x N PLC Splitter							
Type		1x2	1x4	1x8	1x16	1x32	1x64
Fiber Type		G.657A					
Operating Wavelength(mm)		1260 to 1650 nm					
Insertion Loss(dB)	Max(with connector)	4	7.2	10.5	13.8	16.8	20.5
Uniformity Loss(dB)	Max	0.6	0.6	0.8	1.2	1.5	1.8
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss(dB)		UPC≥50; APC≥60					
Operating Temperature(°C)		-40°C - +85°C					



FAQ

Q1: What is the warranty of FiberMania's fiber patch cord?

A: FiberMania warrants that all fiber patch cords supplied are free from defects in material and workmanship for a period of five (5) years from the date of supply. All fiber optic bulk cables are UL profiled and every single cable is 100% tested.

Q2: Is it possible to customize our brand information on your fiber cable?

A: Yes, we can print your brand name onto our cable jacket and 1KM total cable length is requested.

Q3: Can you do 3D interferometer test?

A: Yes, we do the 3D test per our customer's request, we can have the pass rate over 90% and even 100% if necessary.

Q4: What is your MOQ of your products?

A: We only have MOQ for some special customized cable order, we request 1km as the total length of the bulk cable, you may consider stock the bulk cable with us for your urgent order production.

Q5: Are free samples available from you?

A: Yes, we are always happy to offer the free samples for all of our customers' projects provided that the total cost is under 50 US dollars.

Q6: Do you accept OEM and ODM orders?

A: Absolutely yes, we have been doing OEM services since we start in this business, and for every single label, printing, bag and carton design, we always treat it seriously and do it nicely. Our engineers can help you with your current design and even can open the new tooling for your specific project.



FIBERMANIA Shenzhen FiberMania Technology Co., Ltd.



17704025189



sales@fiber-mania.com



optical-fibercables.com

3F, Building A2, Yinlong Industrial Park, Longdong, Longgang District, Shenzhen, China, 518116