



FIBERMANIA

Shenzhen FiberMania Technology Co., Ltd.
optical-fibercables.com

FTTH 0.9mm Mini Steel Tube PLC Splitter 1x16 250μm Fiber Without Connector

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: CE, RoHS
- Model Number: PB116BB05
- 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

- Connector Type: W/O Connector
- Splitter Type: Mini Type / Steel Tube Type
- Fiber Type: G657A1
- Configuration Type: 1x 16
- Fiber Mode: Single Mode
- Input/Output OD: 0.9mm
- Split Ratio: Symmetrical
- Insertion Loss: $\leq 13.7\text{dB}$
- Highlight: FTTH PLC Splitter 1x16,
Steel Tube PLC Splitter 1x16,
Mini Steel Tube PLC Splitter



Product Description

FTTH 1x16 0.9mm Mini Steel Tube Type PLC Splitter 250μm Fiber Without Connector

Optical fiber PLC splitters are sophisticated devices crafted from high-quality quartz substrates, designed to enhance optical power distribution. They are specifically engineered to connect terminal equipment within Passive Optical Networks (PON), efficiently splitting optical signals into multiple outputs. The durable construction of these splitters enables them to function effectively across a variety of environmental conditions, ensuring reliable performance in both indoor and outdoor settings. As the demand for high-speed internet and advanced telecommunications solutions continues to rise, PLC splitters are poised to play a crucial role in the evolution of optical fiber networks, adeptly meeting the requirements of future applications.

Features

1. It can experiment at Voice, data and video signal synchronous measurement and display on BPON/EPON/GPON.
2. Providing simultaneous measurement for all three wavelengths on the fiber (1490nm, 1550nm, 1310nm)
3. Used in Burst mode measurement of 1310nm upstream.
4. Use the software connect with PC, setting the threshold, data transfer, and calibration the wavelength.
5. USB communication port enables data transfer to a PC. 1000 measurement items can be saved in PON power meter or computer for data review.
6. With optical power meter module, include 850, 1300, 1310, 1490, 1550, 1625nm (AP, A without 850nm wavelength); With visual fault locator module (PON and AV)
7. Optical power meter and VFL with one port. (only A)
8. Optional Chinese/English display.
9. Offers up to 10 different threshold sets in total, Three status LEDs represent different optical signal conditions of Pass, Warn and Fail respectively.
10. Good key design, high sensitivity, greatly reducing the volume and weight of the tester.
11. Different models corresponding to different function, according to own use to choose.

Applications

1. Fiber optical access network
2. Passive fiber optical network
3. Cable TV network
4. Digital communication
5. Fiber optical sensing system
6. Test equipment

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.



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