

1x12 PLC Splitter With SC APC Connectors And Adapters Loaded

Basic Information

Place of Origin: Shenzhen, China
 Brand Name: FIBERMANIA
 Certification: CE, RoHS

Model Number: PA11220SASA10

Minimum Order Quantity: 10 Pieces
 Price: Negotiable
 Packaging Details: PE Bag+Carton

• Payment Terms: T/T, Western Union, L/C

Supply Ability: 1000 Pieces



Product Specification

Name: 1x12 PLC Splitter
 Fiber Mode: OS2 9/125µm
 Dimensions (HxWxD): 44x435x229.1mm

Return Loss: ≥55dB
 Insertion Loss: ≤12.5dB
 Configuration Type: 1x 12

• Enclosure Type: Rack Mountable

Adapter Type: SC/APC

Material: SPCC (Black Coating)

• Highlight: 1x12 PLC Splitter, PLC Splitter With Connector,

SC APC PLC Splitter



More Images



Product Description

1U 19" Rack Mount Optical PLC Splitter with 1x12 SC APC Connectors and Adapters Loaded,

Optical fiber PLC splitters are advanced devices constructed from quartz substrates, designed specifically to facilitate optical power distribution in Passive Optical Networks (PON). They efficiently connect terminal equipment by dividing optical signals into multiple outputs. Utilizing integrated waveguide technology, these splitters ensure effective signal distribution in fiber communication systems. Their compact design, combined with low insertion loss, uniform power output, and strong environmental adaptability, makes them suitable for a wide range of applications.

Features

- 1. Low IL and PDL
- 2. High reliability
- 3. High channel counts
- 4. Wide wavelength range
- 5. Large operating temperature range
- 6. Excellent Environmental & Mechanical Stability

Applications

- 1. FTTx (FTTB, FTTH, FTTC)
- 2. Passive Optical Networks (PON)
- 3. Local Area Networks (LAN)
- 4. CATV Systems
- 5. Test Equipments

Specifications

Operating Wavelength	1260~1650(nm)						
Fiber Type	G657A1 or as customers' order'						
Port Configuration	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Insertion Loss (dB)	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0	23.8/24.2
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2	2.5
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.25	0.3	0.35	0.4
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5	0.5
Temperature Dependent Loss (-40~85) (dB)	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Return Loss (dB)	55/50						
Directivity (dB)	> 55						
Operating&sto rage temperature(° C)	-120						





FAQ

Q1: Does this splitter can be used in OM1 application?

A: No, it doesn't. Our PLC splitters only support singlemode application, and the fiber type is G657A1.

Q2: I know that \sim 5 nanoseconds of propagation delay per meter of singlemode fiber is expected. Since both FBT and PLC splitters are passive, is there a latency difference between them?

A: No, both FBT and PLC have no delay issues.

Q3: Will this fit in a Tyco cabinet?

A: Yes, this PLC splitter can be fitted in the Tyco cabinet, but you need to fix the PLC splitter with a cable tie.

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



e optical-fibercables.com

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