



FIBERMANIA

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

光曼通信技术股份有限公司



1U 19 Inch Rack Mounted Optical PLC Splitter 1x4 SC APC Connectors With Adapters

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: CE, RoHS
- Model Number: PA10420SASA10
- 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

- Enclosure Type: Rack Mountable
- Configuration Type: 1x 32 Rack Mount Optical Splitter
- Fiber: G652D, G657A1
- Adapter Type: SC/APC
- Material: SPCC (Black Coating)
- Dimensions (HxWxD): 44x435x229.1mm
- Insertion Loss: $\leq 7.3\text{dB}$
- Return Loss: $\geq 55\text{dB}$
- Highlight: 1U 19 Inch PLC Splitter, Optical PLC Splitter, Rack Mounted PLC Splitter



More Images



Product Description

1U 19" Rack Mount Optical PLC Splitter with 1×4 SC APC Connectors and Adapters Loaded

FiberMania's optical PLC (Planar Lightwave Circuit) splitters reduce insertion loss and deliver high performance. We trust these devices enable more effective monitoring and management of optical networks. Our splitters are available as below:

1. PLC splitter ABS Module
2. PLC Splitter Bare Device
3. PLC Splitter LGX Module
4. PLC Splitter Mini Module
5. PLC Splitter Rack Mount

Features

1. Industry Standard Bulkhead Style
2. Available in LGX-style and 19" 1U/2U
3. Highest Splitter Densities to Maximize Rack Space
4. Flexible and Scalable Platforms
5. Full Bend Radius Protection throughout Modules
6. Many Input/Output Options for Easy Integration
7. SC/LC/FC/ST Optional
8. Black Color or Grey Color

Applications

1. FTTx Deployments (GPON/BPON/EPON)
2. CCTV/CATV Links
3. Access/Metro Networks
4. Long Haul Telecommunications

Specifications

Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)	1260~1650					
Fiber Type	SMF-28e or customer specified					
Insertion Loss (dB)(S/P Grade)	4.0/3.8	7.3/7.0	10.5/10.2	13.7/13.5	16.9/16.5	21.0/20.5
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.5
Return Loss (dB) (S/P Grade)	50/55	50/55	50/55	50/55	50/55	50/55
Polarization Dependent Loss(dB)	0.2	0.2	0.3	0.3	0.3	4
Directivity (dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40~85 °C)(dB)	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)	-40~85					
Storage Temperature (°C)	-40~85					





FAQ

Q1: The 1x32 one is 1U, what about 1x64 and 1x128?

A: 1x64 is 1U, 1x128 is 2U.

Q2: Does this product support both 1G and 10G Ethernet networks? Does it support the average distribution of mirror meteors?

A: PLC splitter does not require speed rate. It can meet both 1G and 10G Ethernet networks, and it supports average distribution.

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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