

Pre-Connectorized 1×64 PLC Splitter for FTTH – Ruggedized Cassette Optical Splitter

Our Product Introduction

for more products please visit us on optical-fibercables.com

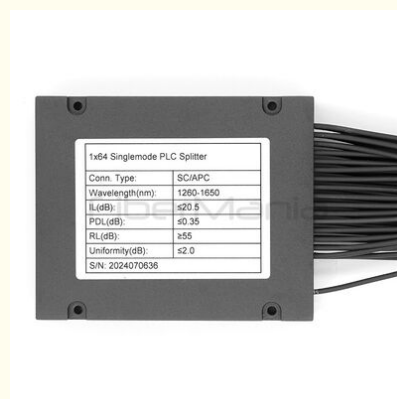
Basic Information

- Brand Name: FiberMania
- Minimum Order Quantity: 10
- Price: US\$10.99 - 39.99
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram

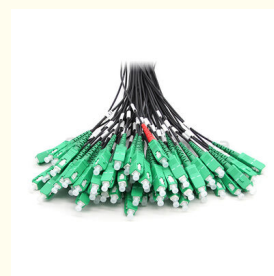


Product Specification

- Highlight: pre-connectorized PLC splitter for FTTH, ruggedized cassette optical splitter, 1×64 PLC splitter with warranty



More Images



Product Description

FiberMania's pre-connectorized 1×64 PLC Splitter is designed for fast FTTH rollout and superior optical performance. Built on advanced **Planar Lightwave Circuit (PLC)** technology, it delivers low insertion loss, excellent uniformity, and stable wavelength performance across a wide operating range. All splitters are supplied in a ruggedized cassette structure and fully pre-terminated with SC/APC connectors for plug-and-play installation.

As an OEM/ODM manufacturer specializing in fiber optic passive components, FiberMania supports custom fiber types, connector options, leg lengths, and housing designs to match your network requirements.

Available Configurations

FiberMania provides PLC splitters in multiple module types to meet diverse deployment environments:

PLC Splitter ABS Module

PLC Splitter Bare Device

PLC Splitter LGX Module

PLC Splitter Mini Module

PLC Splitter Rack-Mount Type

Key Features

1×64 PLC splitter in ABS ruggedized cassette

Fiber type: **SMF-28e** or fully customized

Input: 1 × SC/APC

Outputs: 64 × SC/APC

Ruggedized **2.0 mm** fiber jacket

Standard **1.5 m** leg length

Full OEM options for connectors, cable diameters, and packaging

Low insertion loss and low PDL

High polarization extinction ratio & excellent uniformity

Supports industry-standard applications with flexible configuration capabilities

Applications

FTTx Deployments (GPON / BPON / EPON)

CCTV / CATV optical distribution

Access & Metro Networks

Long-Haul and Backbone Telecommunications

Specification

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					



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