Fiber Optic Splitter With Connector

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Variants

Splitter 1*2 SC/APC Splitter 1*4 SC/APC Splitter 1*8 SC/UPC Splitter 1*8 SC/APC
Splitter 1*4 SC/UPC Splitter 1*2 SC/UPC

Details

The **Fiber Optic PLC Splitter with Connector** is a high-performance optical signal splitter designed for **FTTH, FTTx, GPON, EPON, XGS-PON, ISP, telecom, and optical distribution networks**. Using advanced **PLC (Planar Lightwave Circuit)** technology, it delivers low insertion loss, excellent signal uniformity, and reliable long-term performance.

Available with **SC/UPC** or **SC/APC** connectors and multiple split ratios, this splitter is ideal for Fiber Distribution Boxes (FDB), Fiber Access Termination (FAT) boxes, optical cabinets, and PON network deployments.

Connector

SC UPC / APC

Fiber Length

1 Meter

Fiber Type

Single Mode

Wavelength

1260–1650nm

Key Features

? Low Insertion Loss & Uniform Optical Distribution

? Available with SC/UPC & SC/APC Connectors

? Compact & Lightweight Design

? High Reliability & Long Service Life

? Supports GPON, EPON & XGS-PON Networks

? Suitable for Indoor & Outdoor FTTH Installations

? Easy Installation & Cable Management

? Ideal for ISP & Telecom Deployments

Technical Specifications

Parameter	Specification

Product Type	Fiber Optic PLC Splitter with Connector
Splitter Technology	PLC (Planar Lightwave Circuit)
Connector Type	SC UPC / SC APC
Fiber Type	Single Mode
Fiber Length	1 Meter
Fiber Diameter	0.9 mm
Operating Wavelength	1260 – 1650 nm
Application	FTTH / GPON / EPON / XGS-PON Networks

Available Variants

Splitter Ratio	Connector Type	Fiber Length
1 : 2	SC UPC / SC APC	1 Meter
1 : 4	SC UPC / SC APC	1 Meter
1 : 8	SC UPC / SC APC	1 Meter
1 : 16	SC UPC / SC APC	1 Meter

Typical Applications

FTTH Fiber Optic Networks

GPON / EPON / XGS-PON Networks

ISP Distribution Networks

Fiber Distribution Box (FDB)

Fiber Access Terminal (FAT)

Telecom Optical Distribution Network

Optical Splitter Cabinet

Indoor & Outdoor Fiber Installations

Note:

Please select the appropriate **splitter ratio (1:2, 1:4, 1:8, or 1:16)** and **connector type (SC/UPC or SC/APC)** according to your FTTH network design, optical power budget, and installation requirements.

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