

# Fiber Optic Splitter With Connector

---

Fiber Optic Splitter With Connector

## Variants

1\*8 SC/UPC 1\*8 SC/APC 1\*4 SC/APC 1\*2 SC/UPC 1\*4 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
-----------	---------------

<b>Product Type</b>	Fiber Optic PLC Splitter with Connector
<b>Splitter Technology</b>	PLC (Planar Lightwave Circuit)
<b>Connector Type</b>	SC UPC / SC APC
<b>Fiber Type</b>	Single Mode
<b>Fiber Length</b>	1 Meter
<b>Fiber Diameter</b>	0.9 mm
<b>Operating Wavelength</b>	1260 – 1650 nm
<b>Application</b>	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.