

# Fiber Splitter 1×16 SC Single Mode ABS Box PLC Optical Splitter

## Description

Fiber splitter, also known as optical splitter, is one of the most important passive components in optical fiber network.

It is an optical fiber tandem device with multiple input ends and multiple output ends. M\*N is often used to indicate that a splitter has M input terminals and N output terminals. Optical splitters used in optical fiber CATV systems are generally 1\*2 and 1\*N optical splitters composed of them.



## Features

- PLC splitter loss is not sensitive to wavelength
- Meet transmission needs of different wavelength
- Light is evenly split, and signal can be evenly distributed to users
- Compact structure, small volume
- Can be directly installed in various existing distribution box without too much space
- Available for more than 32 channels
- Low cost for multiple channels

## Product Specifications

Splitter Type	1x2	1x4	1x8	1x16	1x32	1x64
Insertion Loss	≤4.2dB	≤7.2dB	≤10.5dB	≤13.5dB	≤16.9dB	≤20.5dB
Uniformity	≤0.6dB	≤0.6dB	≤0.8dB	≤1.1dB	≤1.5dB	≤2.0dB
Test Wavelength	1310nm, 1490nm, 1550nm					
Working Wavelength	1260nm ~ 1650nm					
Polarization Dependent Loss	<0.2, <0.3					
Directionality (dB)	>55dB					
Return Loss (dB)	>55dB					
Operation Temperature	-40 ~ +85 °C					
Storage Temperature	-40 ~ +85 °C					

## Applications

- Optical fiber communication systems,
- Radio and television networks, etc.