

# SPLITTER OPTIC PLC

## 1\*8 & 1\*16 TYPE BOX SC/UPC

### Description

SPLITTER OPTIC PLC is a passive device used in fiber optic networks to divide one optical signal into several optical signals. PLC OPTIC SPLITTER 1×8 & 1×16 TYPE BOX SC/UPC is a type of PLC optical splitter packaged in an ABS plastic box with SC/UPC connectors on each port.



### Fitur

- PLC Type** : Uses Planar Lightwave Circuit (PLC) technology to ensure high performance and reliability.
- Split Ratio** : Available in 1×8 and 1×16 split ratios, which means one input signal can be divided into eight or sixteen output signals.
- Connector Type** : SC/UPC, compatible with standard SC/UPC connectors.
- Application** : Used in various fiber optic network applications, such as FTTH, FTTB, and PON.

### Benefit:

**Split Optical Signal** : Allows one optical signal to be shared across multiple devices, saves costs and reduces cable requirements.

**Improve Network Performance** : Reduce signal attenuation and improve data transmission quality.

**Easy to Use** : Plug-and-play design that is easy to install and maintain.

**High Reliability** : Proven PLC technology ensures stable and long-lasting performance.



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## Technical specifications

Splitter Type	: PLC
Ratio	: 1×8, 1×16
Connector Type	: SC/UPC
Loss Insertion	: ≤0.3dB (tipikal)
Return Loss	: ≥55dB
Directivity	: ≥55dB
Operating Temperature	: -40°C hingga +80°C
Operating Humidity	: 0% hingga 95% (non-kondensasi)

## Conclusion:

SPLITTER OPTIC PLC 1×8 & 1×16 TYPE BOX SC/UPC is a reliable and cost-effective solution to share optical signals in fiber optic networks.

With complete features and high technical specifications,

This optical splitter is suitable for a variety of applications, including FTTH, FTTB, PON, CATV and data networks.