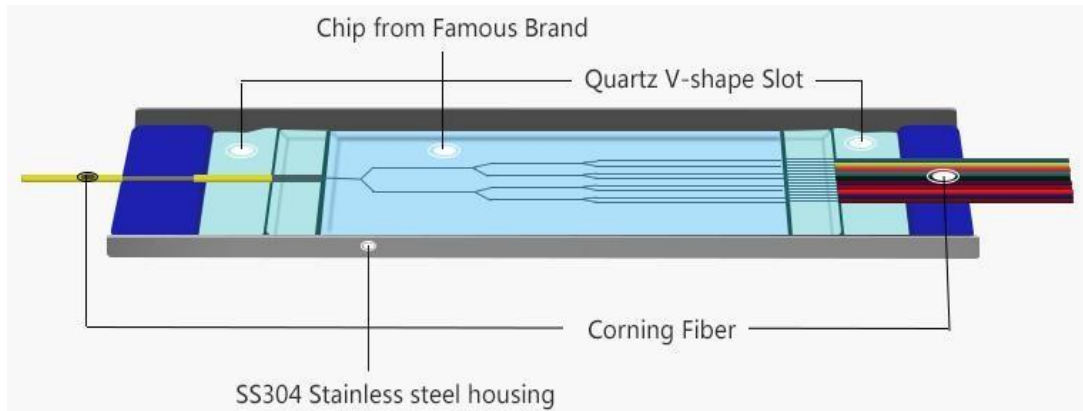


OPTICO Standard 1x16 PLC Splitter

Widely used in passive optical networks (such as EPON, GPON, BPON, FTTX, FTTH, etc.), and supports multiple users to share a single PON interface.

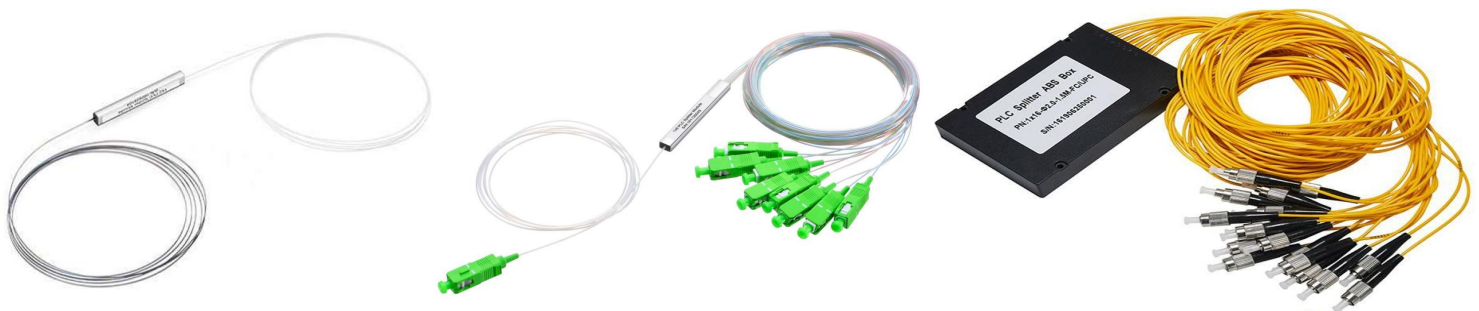


• Description

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology to distribute optical signals from Central Office (CO) to multiple premise locations. OPTICO full series of PLC splitters feature small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity.

• Advantages

- Low insertion loss, high return loss
- PDL automatic screening system (Ultra low PDL is available)
- High reliability and stability
- Connector can up to grade B
- 100% 3D tested by Daisi and Sumix
- High-low temperature cycle test
- Wide operating temperature -40~+85°C
- FTTH Cabling solution could be design



• Specification:

Item	1x16 ABS PLC Splitter
Operating Wavelength (nm)	1260 ~ 1650
Fiber Type	G657A1, G657A2, or customized
Insertion Loss (dB)	≤ 13.7 (Lower IL available)
Return Loss(dB)	≥ 55
Polarization Dependent Loss (dB)	≤ 0.3
Loss Uniformity (dB)	≤ 1.0
Directivity (dB)	≥ 55
Wavelength Dependent Loss (dB)	≤ 0.8
Operating Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-40 ~ +85
Fiber Length (m)	As custom requested
Connector Type	SC/APC, SC/UPC, FC/UPC, etc.
Dimension (mm)	Bare Type: 50*7*4 Steel Tube: 60*12*4 ABS Box: 120*80*18

Notes:

1. Specified without connectors;
2. Add additional 0.2dB loss when with connectors.

Tips:

Due to the COVID-19, it is a pity that you and our team couldn't have face-to-face communication. To know more about us, welcome to visit below our VR factory.

OPTICO fiber assemblies: <https://www.linked-reality.com/company/15555/en>