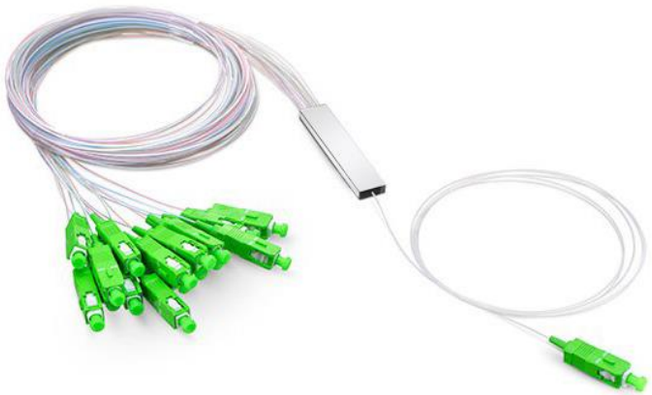
1x16 SC/APC Mini PLC Splitter Datasheet

Widely used in PON networks to realize optical signal power splitting as a low-cost solution



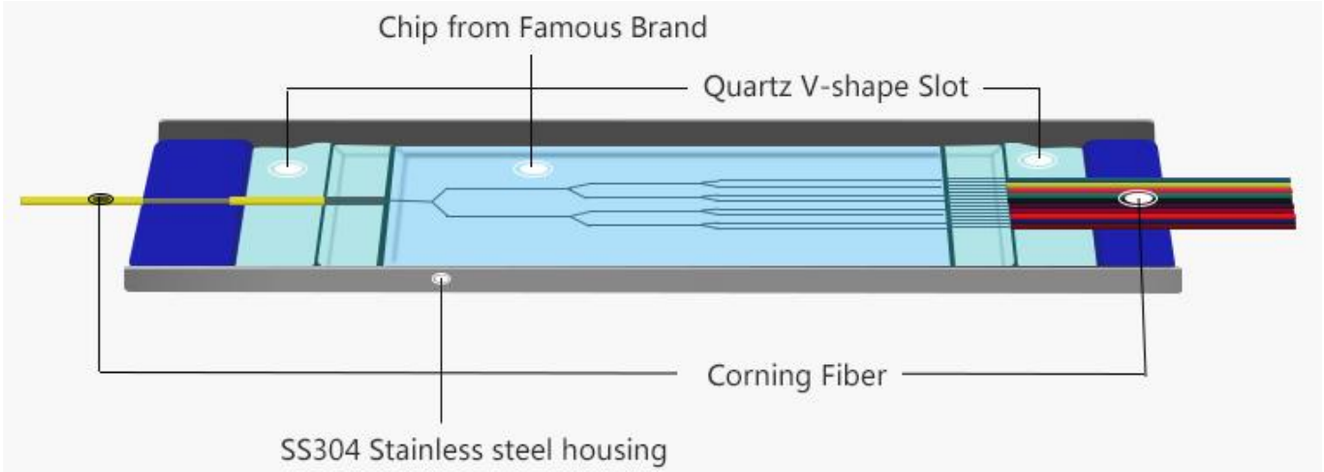
• Description

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 arrange PLC Splitters feature small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity.

• Features

- Low insertion loss and high return loss
- Very low PDL
- High reliability and stability
- 2000 hours' reliability
- Connector can up to grade B
- 100% 3D tested by Daisi and Sumix
- High-low temperature cycle test
- 100% tested before delivery
- FTTH Cabling solution could be design

• Transmission Drawing(Unit: mm)



- Specifications:

Item	1x16 Mini Type PLC Splitter
Operating Wavelength(nm)	1260~1650
Fiber Type	G657A2 or as customized
Insertion loss(dB)	≤13.3
Loss Uniformity(dB)	1.5
Polarization Dependent Loss(dB)	0.3
Return Loss(dB)	≥55
Directivity(dB)	≥55
Wavelength Dependent Loss(dB)	0.3
Operating Temperature(℃)	-40~+85
Storage Temperature(℃)	-40~+85
Fiber Length(m)	As customized
Connector Type	SC/APC or as customized
Package Size	4x60x12mm

Note:
1. Specified without connectors
2. Add an additional 0.2dB loss including connectors

- Tips:

Due to the COVID-19, sorry that you and our team couldn't visit face to face with each other. In order to make the customers know us more, please visit our VR factory, it is just like you were really standing in our factory.
OPTICO Fiber Assemblies Production Line VR :https://www.linked-reality.com/company/15555/en