

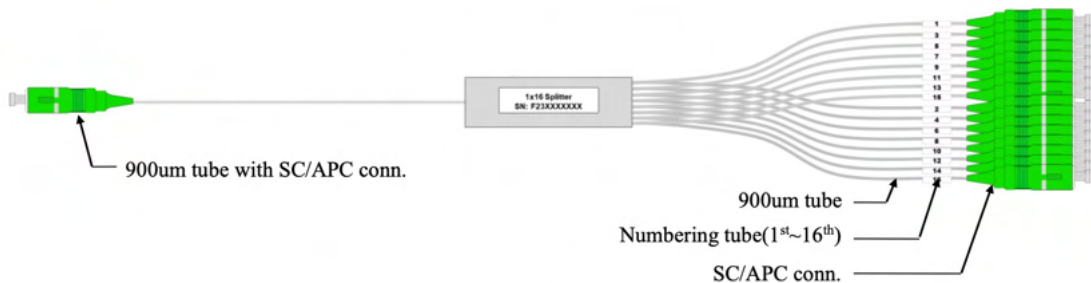
Description

PLC splitter is designed to uniformly divide optical signals for the advance optical networks with efficiency and scalability. PLC splitter simplifies FTTX network installation process and offers easy fiber management.

Features

- Low insertion loss
- High uniformity
- Wide operating wavelength of 1260nm ~ 1650nm
- Tested to GR-1209/1221 to offer high performance and reliability

Structure



Physical Specification

Item	Specification
Operating Wavelength (nm)	1260 ~ 1650
Configuration	1 x 16
Connector	SC/APC (No. of Connector: 17)
Ferrule	Ceramic
Package Type	Blockless PLC
Lead Length	Customizable Upon Request
Lead Type	900 μm Loose Tube (Corning/US, Sumitomo/Japan)
Output Port Identification	Number Coding
Insertion Loss (dB)	≤ 13.7 (Without Connector Loss)
Uniformity (dB)	≤ 1.5
PDL (dBp-p)	≤ 0.3
Return Loss (dB)	≥ 55
Directivity (dB)	≥ 55
Operating Temperature (°C)	-25 ~ +70
Storage Temperature (°C)	-25 ~ +70
Operating Humidity	95% RH
Storage Humidity	95% RH