

## 0205 1xN PLC Splitter

S1001-S



### 1x32 Planar Lightwave Circuit (PLC) Splitter Module

The planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features a small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity.

#### FEATURES

- Low Insertion Loss
- Low PDL
- Good Channel-to-channel Uniformity
- Compact Design
- Wide Operating Temperature: From -40°C to +85°C
- High Stability & Reliability

#### USE IN

- FTTX Systems
- PON Networks
- Optical Signal Distribution
- HFC Links

Operating Wavelength	1260 nm to 1650 nm
Loss Uniformity	1.5 dB
Insertion Loss	16.7±0.2 dB max.
Return Loss	55 dB
Directivity	55 dB min.
Wavelength Dependent Loss	0.5 dB max.
PDL	0.3 dB max.
Temperature Stability (-40°C to +85°C)	0.5 dB max.
Operating Temperature	-40°C to +85°C
Fiber Type	G657A1

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**

**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**