

0205 1xN PLC Splitter

S1005-S



1x24 Planar Lightwave Circuit (PLC) Splitter

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 -20°C to +80°C

USE IN

- FTTX Systems
- PON Networks
- HFC Links
- Test and Measurement
- Optical Signal Distribution

Channel Number	1x24
Operating Wavelength	1260 nm to 1650 nm
Test Wavelength	1310 nm/1550 nm
Insertion Loss	15.7 dB max.
Uniformity	1.2 dB max.
PDL	0.3 dB max.
Return Loss	55 dB min.
Directivity	55 dB min.
Fiber Type	G.657A1 with 900 um Loose Tube
Input & Output Length	1.0±0.03 m
Connector	FC/APC
Package Dimension	120x80x18 mm
Operating Temperature	-20°C to +80°C
Storage Temperature	-40°C to +85°C
Power Handling	500 mW max.