

## 0205 1xN PLC Splitter



### 1x8 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 -40°C to +85°C

#### USE IN

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

Operating Wavelength	1260 nm to 1650 nm
Loss Uniformity	0.8 dB
Insertion Loss (P/S Grade)	10.2/10.5 dB
Return Loss (P/S Grade)	55/50 dB
Directivity	55 dB min.
Wavelength Dependent Loss	0.3 dB
PDL	0.2 dB
Temperature Stability (-40°C to +85°C)	0.4 dB
Operating Temperature	-40°C to +85°C
Fiber Type	G657A1
ABS Box Dimension	100x80x10 mm