

## 0205 1xN PLC Splitter

S1004-S



### 1x8 Planar Lightwave Circuit (PLC) Splitter Module, Mini Type

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                        | 0.62 dB            |
| Insertion Loss                         | 17.2 dB max.       |
| Return Loss (P/S Grade)                | 55/50 dB           |
| Directivity                            | 55 dB min.         |
| Wavelength Dependent Loss              | 0.3 dB             |
| PDL                                    | 0.3 dB max.        |
| Fiber Type                             | G657A1             |
| Temperature Stability (-40°C to +85°C) | 0.4 dB             |
| Operating Temperature                  | -40°C to 85 °C     |
| Storage Temperature                    | -40°C to 85 °C     |