

0107 Polarizer/Depolarizer

Z2103-P



1550 nm In-Line Polarizer, SM-PM

This in-line polarizer is designed to pass light with the specified polarization, while blocking the rest. The function is to transform non-polarized light into linearly polarized light, for a high extinction ratio. It is also used to enhance the extinction ratio of the signals of precision measurement systems, fiber sensors, and high-speed test instrumentations where a high extinction ratio is required.

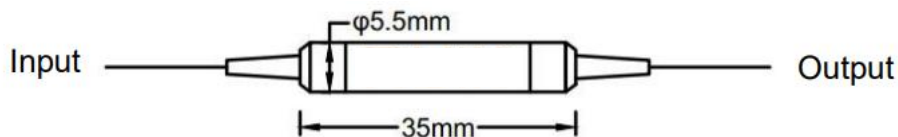
FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability
- High Stability

USE IN

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research

MECHANICAL DRAWING



Center Wavelength	1550 nm
Operating Wavelength Range	±50 nm
Insertion Loss	0.3 dB typ.; 0.5 dB max.
Return Loss	50 dB min.
Extinction Ratio	30 dB typ.; 28 dB min.
Power Handling	300 mW max.
Tensile Load	5 N max.
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C
Fiber Type for Input & Output	SM-PM
Dimensions	5.5x5.5x35 mm

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.