

# 0107 Polarizer/Depolarizer

Z2000-P



## 980 nm In-line Polarizer, PM-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.

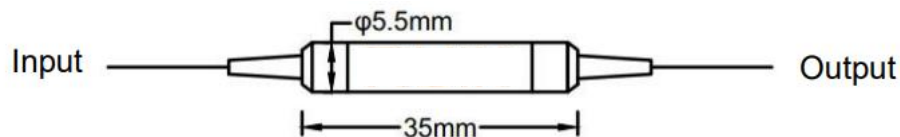
### FEATURES

- 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	980 nm
Operating Wavelength Range	±10 nm
Insertion Loss	0.7 dB typ.; 0.9 dB max.
Return Loss	50 dB min.
Extinction Ratio	28 dB typ.; 25 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	PM-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.**