

## 0107 Polarizer/Depolarizer

Z4002-P



### 1550 nm In-line Detection Polarizer

This in-line detection polarizer provides low insertion loss, high return loss, high extinction ratio, high reliability and stability and it can be used for communication systems, test instrument, fiber sensor and research.

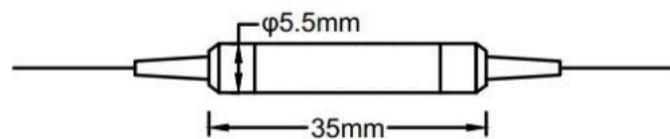
#### FEATURES

- 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	PM1550
PER	30 dB min.
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.**