

# 0107 Polarizer/Depolarizer

Z5000-S

## 532 nm In-line Polarizer, SM-SM

The Z5000-S has very low insertion loss, high return loss, high extinction ratio and high stability & reliability. It can be used for fiber sensor, testing instruments and research.

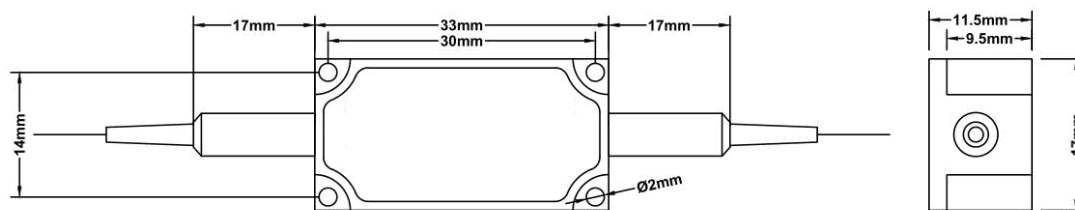
### FEATURES

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

### USE IN

- Fiber Sensor
- Testing Instrument
- Research

### MECHANICAL DRAWING



Center Wavelength	532 nm
Operating Wavelength Range	±10 nm
Insertion Loss at 23°C	1.3 dB typ.; 1.5 dB max.
Return Loss at 23°C	50 dB min.
Extinction Ratio at 23°C	24 dB typ.; 22 dB max.
Fiber Type for Input & Output	SM→SM
Optical Power (CW)	300 mW max.
Tensile Load	5 N max.
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C

\* With connectors, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.