

## 0107 Polarizer/Depolarizer

Z5100-S



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

The Z5100-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.

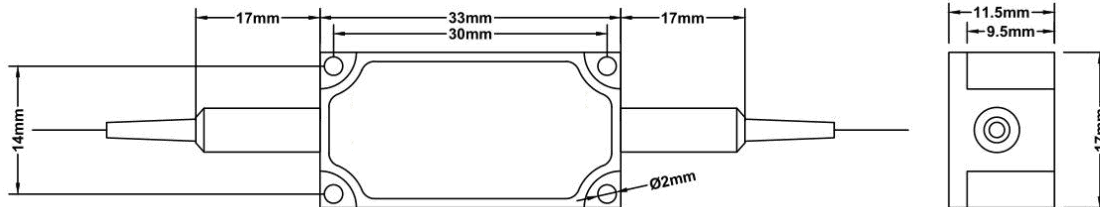
#### FEATURES

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

#### USE IN

- Fiber Sensor
- Testing Instrument
- Research

#### MECHANICAL DRAWING



Center Wavelength	633 nm
Operating Wavelength Range	±10 nm
Insertion Loss	1.3 dB typ.; 1.5 dB max.
Return Loss	50 dB min.
Extinction Ratio	24 dB typ.; 22 dB max.
Fiber Type for Input & Output	SM to SM
Power Handling	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.

**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.**