

0102 PM Isolator

L2002-P



980 nm Polarization Maintaining Isolator, 300 mW

The polarization maintaining optical isolator is a device, which allows the light to transmit through the passive route from input to output, while blocking the reversed direction. The device is characterized with high isolation, high return loss and low insertion loss. It has been widely used in fiber sensor, test Instrument, fiber laser.

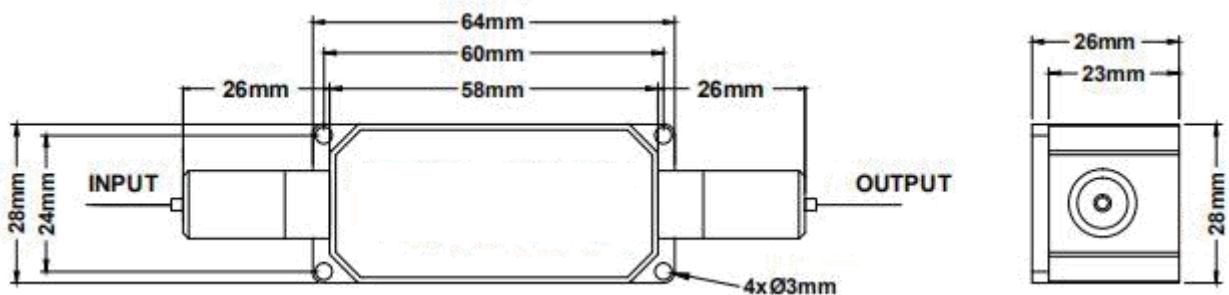
FEATURES

- High Isolation
- Low Insertion Loss
- High Return Loss
- High Stability & Reliability

USE IN

- Fiber Sensor
- Test Instrument
- Ultra-fast Fiber Laser
- Fiber Laser

MECHANICAL DRAWING



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Center Wavelength	980 nm
Operating Wavelength Range	±5 nm
Isolation	30 dB typ. @ Peak; 26 dB min.
Insertion Loss	0.8 dB typ.; 1.0 dB max.
Extinction Ratio	20 dB min.
Return Loss (In/Out)	45 dB min.
Power Handling	300 mW, 1 W, 5 W, 10 W or Specified
Peak Power for ns Pulse	10 kW or Specified
Dimension	64 x 28 x 26 mm
Tensile Load	5 N max.
Operating Temperature	+10°C to +50°C
Storage Temperature	0 to +60°C

* With connectors, the handling power is 1 W only, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

* Connector key is aligned to slow axis.