

# 0102 PM Isolator

L4100-P



## 633 nm In-line Isolator, PM

This polarization maintaining optical isolator has very low insertion loss, high return loss, high isolation and high stability & reliability. It can be used for raman fiber laser, testing instrument and ultra-fast fiber laser.

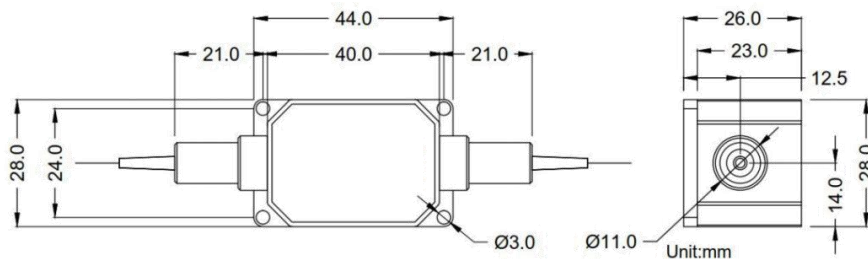
### FEATURES

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

### USE IN

- Testing Instrument
- Raman Fiber Laser
- Ultra-fast Fiber Laser

### MECHANICAL DRAWING



Center Wavelength	633 nm
Operating Wavelength Range	±10 nm
Isolation	25 dB min.
Insertion Loss	1.3 dB typ.; 1.5 dB max.
Extinction Ratio	18 dB min.
Return Loss (In/Out)	45 dB min.
Power Handling	0.5 W, 1 W, 2 W max.
Peak Power for ns Pulse	5 kW max. or Specified
Tensile Load	5 N max.
Fiber Type	PM Fiber
Dimension	44x28x26 mm
Operating Temperature	+10°C to +50°C
Storage Temperature	0°C 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.

**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.**