

# 0102 PM Isolator

L4000-P



## 532 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.

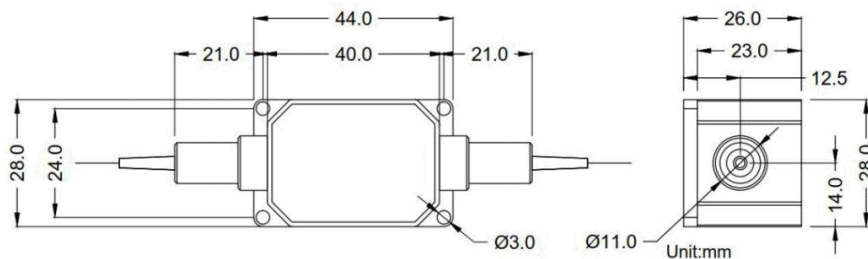
### FEATURES

- 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          | 532 nm                   |
| Operating Wavelength Range | ±10 nm                   |
| Isolation                  | 23 dB min.               |
| Insertion Loss             | 1.5 dB typ.; 1.8 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 handing 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.**