

# 0101 Isolator

L7000-S



## 532 nm In-line Isolator, SM

The L7000-S has very low insertion loss, high return loss and high stability & reliability. It can be used for raman fiber laser, testing instrument and ultra-fast fiber laser.

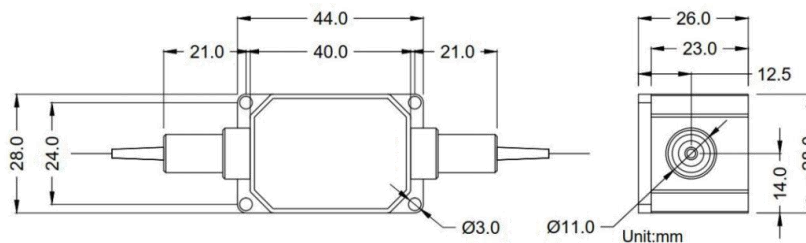
### FEATURES

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

### USE IN

- Testing Instrument
- Ultra-fast Fiber Laser
- Raman 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.
Polarization Dependent Loss	0.2 dB max.
Return Loss (Input /Output)	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.
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.**