

0807 780 nm/ 850 nm Isolator (HP)

HL1002-S

780 nm High Power In-line Isolator, SM, 20 W

The HL1002-S has very low insertion loss, high return loss, high isolation and high stability & reliability. It can be used for fiber laser, fiber sensor, testing instrument and ultra-fast fiber laser.

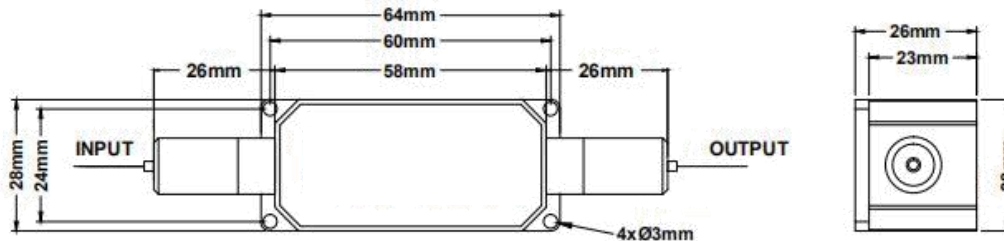
FEATURES

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

USE IN

- Testing Instrument
- Ultra-fast Fiber Laser
- Fiber Sensor
- Fiber Laser

MECHANICAL DRAWING



Center Wavelength	780 nm
Operating Wavelength Range	±5 nm
Peak Isolation at 23°C	30 dB typ.
Isolation at 23°C	26 dB min.
Insertion Loss at 23°C	0.8 dB typ.; 1.0 dB max.
Polarization Dependent Loss at 23°C	0.15 dB max.
Return Loss at 23°C (Input /Output)	45 dB min.
Optical Power	5 W max. or Specified
Peak Power for ns Pulse	20 kW or Specified
Package Dimension	64x28x26 mm
Tensile Load	5 N max.
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.