

## 0808 2000 nm Isolator (HP)

### HL4100-S

## 2000 nm High Power In-line Isolator, SM, Single Stage, 5 W

The HL4100-S has very low insertion loss, high return loss, high isolation and high stability & reliability. It can be used for research, fiber sensor, testing instrument and PM fiber amplifier.

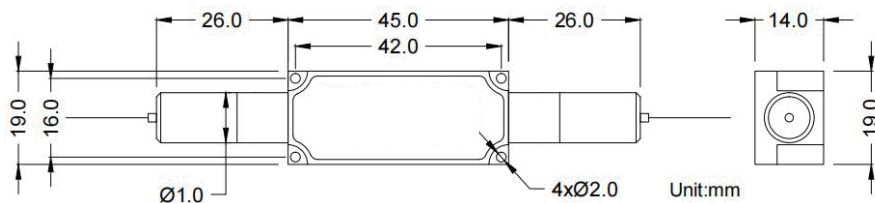
#### FEATURES

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

#### USE IN

- Testing Instrument
- PM Fiber Amplifier
- Fiber Sensor
- Research

#### MECHANICAL DRAWING



#### ORDERING OPTIONS

-XX: wavelength 1950 nm, 2050 nm

Stage	Single
Center Wavelength	2000 nm
Operating Wavelength Range	±10 nm
Isolation at 23°C	20 dB min.
Insertion Loss, $\lambda_c$ at 23°C	1.2 dB max.
Polarization Dependent Loss at 23°C	0.15 dB max.
Return Loss at 23°C (Input /Output)	45/45 dB min.
Optical Power (CW)	5 W max.
Peak Power for ns Pulse	10 kW or Specified
Tensile Load	5 N max.
Package Dimension	Input Power $\leq$ 5 W: 5.5x5.5x35 mm
	Input Power $\leq$ 10 W: 70x12x8 mm
	Input Power $\leq$ 20 W: 45x19x14 mm
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C