

## 0908 2000 nm Isolator (HP)

HL4102-P



### 2000 nm High Power In-line Isolator, PM, Single Stage, 20 W

The isolator 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.

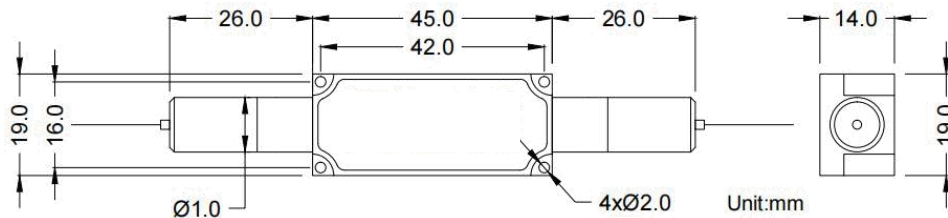
#### FEATURES

- 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	20 dB min.
Insertion Loss	1.2 dB max.
Extinction Ratio	18 dB min.
Return Loss (In/Out)	45/45 dB min.
Power Handling	20 W max.
Peak Power for ns Pulse	10 kW or Specified
Tensile Load	5 N max.
Dimension	45x19x14 mm
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°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.**