

0901 1064 nm Isolator (HP)

HL2205-P



1064 nm PM Optical Isolator, 5 W, Nufern PLMA-GDF-10/125-M

The isolator is a 1064 nm optical isolator, 5 W, Nufern PLMA-GDF-10/125-M. It offers very low insertion loss, high return loss, high isolation and high stability and reliability. It can be used for PM fiber amplifier, testing instrument, mopa fiber laser and fiber laser.

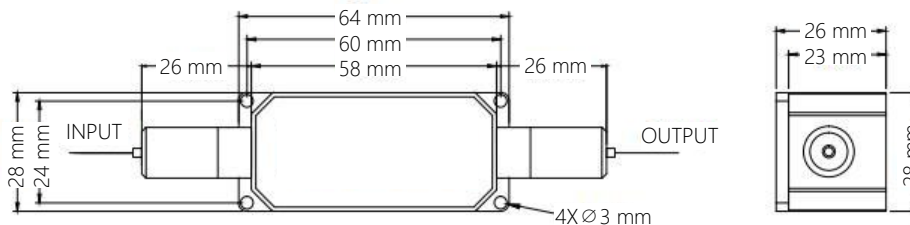
FEATURES

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

USE IN

- PM Fiber Amplifier
- Testing Instrument
- Mopa Fiber Laser
- Fiber Laser

MECHANICAL DRAWING



Center Wavelength	1064 nm
Operating Wavelength Range	±5 nm
Peak Isolation	30 dB typ.
Isolation	25 dB min.
Insertion Loss	0.8 dB typ.; 1.0 dB max.
Extinction Ratio	20 dB min.
Return Loss(In/Out)	45 dB min.
Average Power Handling	5 W max.
Dimension	64x28x26 mm
Peak Power for NS Pulse	10 kW max.
Tensile Load	5 N max.
Operating Temperature	+10°C to +50°C
Storage Temperature	0°C to +60°C
Fiber Type	Nufern PLMA-GDF-10/125-M

*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.