

0901 1064 nm Isolator (HP)

HL2203-P



1064 nm PM Optical Isolator, 1 W, PM 980B-XP Fiber

The isolator is a 1064 nm optical isolator, 1 W, PM 980B-XP fiber. It offers very low insertion loss, high return loss, high isolation and high stability and reliability. It can be used for testing instrument, mopa fiber laser and fiber laser.

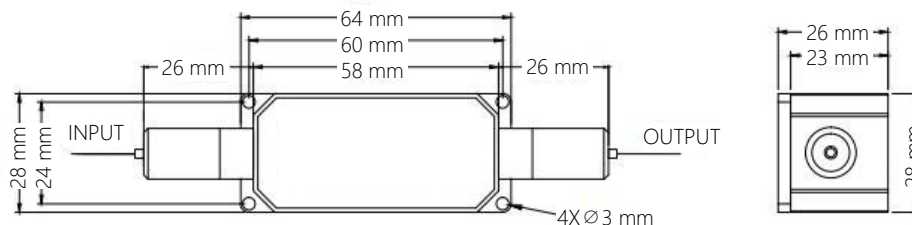
FEATURES

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

USE IN

- Testing Instrument
- Mopa Fiber Laser
- Fiber Laser

MECHANICAL DRAWING



Stage	Single
Center Wavelength	1064 nm
Operating Wavelength Range	±20 nm
Insertion Loss	0.8 dB typ.; 1.0 dB max.
Extinction Ratio	20 dB min.
Isolation in Band	28 dB min.
Return Loss	45/50 dB min.
Power Handling	1 W max.
Fiber Type	PM 980B-XP Fiber
Fiber Jacket	250 μm Bare Fiber
Tensile Load	5 N max.
Operating Temperature	+10°C to +50°C
Storage Temperature	0°C to +60°C
Dimension	64x28x26 mm

*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 μm, 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.