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0102 PM Isolator

L2101-P

1064 nm Polarization Maintaining Isolator, Dual Stage, 300 mW

The polarization maintaining optical isolator is a device, which allows the light to transmit through the passive route from input to output, while blocking the reversed direction. The device is characterized with high isolation, high return loss and low insertion loss. It has been widely used in communication systems, test Instrument, fiber sensor and research.

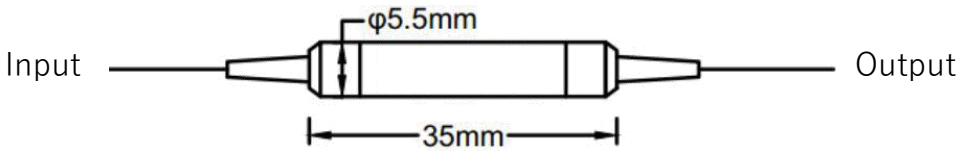
FEATURES

- High Isolation
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio

USE IN

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research

MECHANICAL DRAWING



Center Wavelength	1064 nm
Operating Wavelength Range	±5 nm
Isolation	52 dB typ. @ Peak; 42dB min.
Insertion Loss	2.4 dB typ.; 3.2 dB max.
Extinction Ratio	20 dB min.
Return Loss (In/Out)	50/50 dB min.
Power Handling	300 mW max.
Tensile Load	5 N max.
Fiber Type	PM Fiber
Dimension	5.5x5.5x35 mm
Operating Temperature	-5°C to +70°C
Storage Temperature	40 to +85°C

* With connectors, 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.