

0104 PM Circulator

R3100-P



2x2 1310 nm PM Fiber Circulator, 300 mW

The PM circulator is a compact, high-performance component, with low insertion loss and high return loss, isolation, extinction ratio, stability and reliability. It is widely used in EDFA & Raman amplifiers, fiber sensors and fiber instruments.

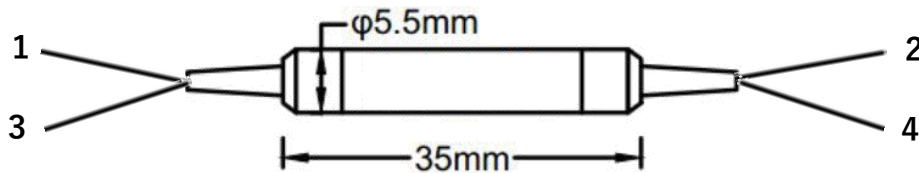
FEATURES

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

USE IN

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Instrument

MECHANICAL DRAWING



Configuration	Port 1 to Port 2, Port 2 to Port 3, Port 3 to Port 4
Center Wavelength	1310 nm
Operating Wavelength Range	±30 nm
Insertion	1.1 dB typ.; 1.3 dB max.
Isolation	46 dB typ. @Peak, 40 dB min.
Extinction Ratio	22 dB min.
Cross Talk	50 dB min.
Return Loss	50 dB min.
Power Handling	300 mW max.
Tensile Load	5 N max.
Fiber Type	PM Fiber
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C
Dimension	5.5x5.5x35 mm

* 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.