

# 0104 PM Circulator

R2200-P



## 1x2 1550 nm PM Fiber Circulator, 300 mW

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

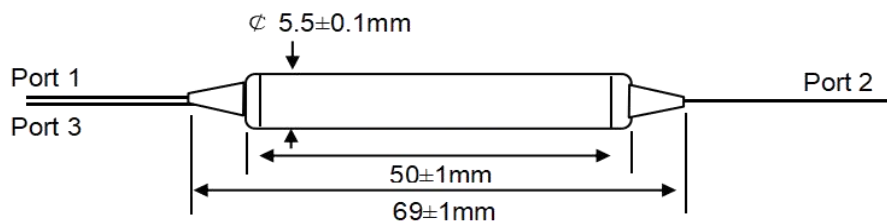
### FEATURES

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

### USE IN

- Fiber Amplifier
- Fiber Sensor
- Fiber Instrument

### MECHANICAL DRAWING



Configuration	3 Ports
Center Wavelength	1550 nm
Operating Wavelength Range	$\pm 20 \text{ nm}$
Working Axis	Both Axis Working
Insertion	0.9 dB typ.; 1.5 dB max.
Isolation	48 dB typ. @Peak, 40 dB min.
Extinction Ratio	18 dB min.
Cross Talk	50 dB min.
Return Loss	50 dB min.
Power Handling	300 mW max.; 5 kW@Peak
Tensile Load	5 N max.
Fiber Type	PM 1550 Fiber
Operating Temperature	$-5^{\circ}\text{C}$ to $+70^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$
Dimension	5.5x5.5x50 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.**