

## 0402 1550 nm Devices

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, isolation, stability and reliability. It is widely used in EDFA & Raman amplifiers, fiber sensors, testing instruments and medical equipment.

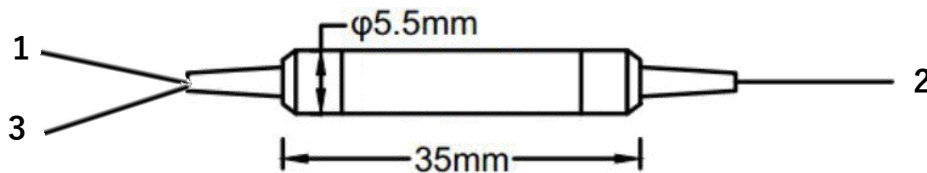
#### FEATURES

- Low Insertion Loss
- High Return Loss
- High Isolation
- 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 |
| Center Wavelength          | 1550 nm                            |
| Operating Wavelength Range | ±30 nm                             |
| Insertion                  | 0.7 dB typ.; 0.9 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                      |

**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.**