

## 1550nm Polarization Maintaining Circulator 5W

### Product Features

- Low Insertion Loss & PDL
- High Channel Isolation
- Optical Path Epoxy Free

### Product Applications

- DWDM and OADM networks
- Test Instrumentations
- Fiber Sensors
- EDFA, DWDM and OTDR

### Specifications

| Parameter                         | Unit | Value              |
|-----------------------------------|------|--------------------|
| Center Wavelength ( $\lambda_c$ ) | nm   | 1550               |
| Operating Wavelength Range        | nm   | $\pm 20$           |
| Typ. Isolation                    | dB   | 45                 |
| Isolation at Tr*                  | dB   | $\geq 40$          |
| Max. Insertion Loss at Tr*        | dB   | 0.8                |
| Return Loss (Input/Output)        | dB   | $\geq 50$          |
| Cross talk                        | dB   | $\geq 50$          |
| Min. Extinction Ratio             | dB   | 20                 |
| Power handling(CW)                | W    | $\leq 5$           |
| Tensile Load                      | N    | $\leq 5$           |
| Fiber Type                        |      | PM1550 Panda Fiber |
| size                              | mm   | 58x10              |
| Operating Temperature             | °C   | -5 to +70          |
| Storage Temperature               | °C   | -40 to +85         |

Remark:

\* Tr=Room temperature, To=Operating temperature.

\* Above specifications are for device without connector.

### Ordering Information

| PM CIR     | Wavelength        | Pigtail Type                                    | Fiber Length                        | Connector |
|------------|-------------------|---|-------------------------------------|-----------|
| <b>1x2</b> | 1550nm<br>Specify | 250um bare fiber<br>900um loose tube<br>Specify | 0.5m<br>1m<br>1.5m<br>2m<br>Specify | N=None    |