

# Circulator

## 1310 or 1550 nm 3-Port Polarization Maintaining

### Specifications





| Parameter              | Specification                  |
|------------------------|--------------------------------|
| Central Wavelength     | 1310 nm or 1550 nm             |
| Bandwidth              | ± 20 nm                        |
| Insertion Loss         | ≤ 0.8 dB                       |
| Isolation              | ≥ 20 dB (40 dB peak isolation) |
| Extinction Ratio       | ≥ 20 dB                        |
| Directivity            | ≥ 50 dB                        |
| Return Loss            | ≥ 50 dB                        |
| Polarization Alignment | slow axis                      |
| Maximum Power          | 300 mW                         |
| PDL                    | ≤ 0.2 dB                       |
| Operating Temperature  | 0° C ~ + 70° C                 |
| Storage Temperature    | - 40° C ~ + 85° C              |
| Package Dimensions     | 5.5 mm (Φ) x 35 mm (L)         |

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Note3: Fiber type PM 250 μm Panda fiber.

### Ordering Information

|          |          |          |          |          |                            |   |                     |   |   |   |   |   |
|----------|----------|----------|----------|----------|----------------------------|---|---------------------|---|---|---|---|---|
| <b>P</b> | <b>M</b> | <b>C</b> | <b>I</b> | <b>R</b> | -                          | <b>0 3</b>  | -                   | <b>A</b>  | -   | <b>T</b>  | - | <b>T</b>  |
|          |          |          |          |          |                            |  |                     |  |   |  |   |  |
|          |          |          |          |          | <b>Center Wavelength</b>   | <b>Ports</b>  | <b>Fiber Length</b> | <b>Pigtail Style</b>  | <b>Connector</b>  |   |   |   |
|          |          |          |          |          | 13: 1310 nm<br>15: 1550 nm | 03: 3 ports   | A: 1 meter          | (=Package style)<br>B: bare fiber<br>L: 900 μm loose tube                           | 0: None<br>1: FC/PC<br>2: FC/APC<br>3: SC/PC<br>4: SC/APC<br>5: FC/SPC<br>6: SC/SPC | 7: LC/UPC<br>8: LC/SPC<br>9: Special<br>A: FC/UPC<br>B: SC/UPC<br>C: ST               |   |   |