

Polarization Insensitive Fiber Optic Circulator

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 | nm | 1310 or 1550 |
| Operating Wavelength Range | nm | ±30 |
| Min. Isolation at 23°C | dB | 45 |
| Typ. Insertion loss | dB | 0.7 |
| Max. Insertion loss | dB | 0.8 |
| Min. Return loss | dB | 55 |
| Min. Cross talk | dB | 50 |
| Max. PDL | dB | 0.1 |
| Min. PMD | ps | 0.1 |
| Max. Optical Power (CW) | mW | 500 |
| Max. Tensile Load | N | 5 |
| Fiber Type | - | SMF-28e Fiber |
| package dimensions | mm | Φ5.5*50 or Φ5.5*38 |
| Operating Temperature | °C | -5 to +70 |
| Storage Temperature | °C | -40 to +85 |

* Above specifications are for devices without connectors

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower

Ordering Information

| FCIR | Wavelength | Pigtail Type | Fiber Length | Connector |
|------|-----------------------------|---|-------------------------------------|---|
| 1x2 | 1310nm 1550nm Specify | 250um bare fiber 900um loose tube Specify | 0.5m 1m 1.5m 2m Specify | N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify |