

1064nm Polarization Insensitive Isolator

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability

Product Applications

- EDFA and DWDM
- Test Instrumentations
- Fiber lasers
- Raman Amplifiers

Specifications

| Parameter | Unit | Value | | | |
|---------------------------------|------|--------------|---------|------------|---------|
| stage | | Single stage | | Dual stage | |
| Grade | | Grade P | Grade A | Grade P | Grade A |
| Center Wavelength | nm | 1064 | | | |
| Operating Wavelength Range | nm | +/-5nm | | | |
| Typ. Peak Isolation | dB | 40 | 38 | 55 | 52 |
| Min. Isolation at 23°C | dB | 30 | 28 | 45 | 42 |
| Typ. Insertion Loss | dB | 1.4 | 1.5 | 2.3 | 2.5 |
| Max. Insertion Loss at 23°C | dB | 1.8 | 2.0 | 3.2 | 3.4 |
| Min. Return Loss (Input/Output) | dB | 55/55 | 55/50 | 55/50 | 55/50 |
| Max. PDL at 23°C | dB | 0.15 | 0.15 | 0.15 | 0.15 |
| Max. Optical Power(CW) | mW | 300 | | | |
| Max. Tensile Load | N | 5 | | | |
| Fiber type | | HI1060 Fiber | | | |
| Operating Temperature Range | °C | 0 ~ +70 | | | |
| Storage Temperature Range | °C | -40~+85 | | | |
| Package Dimension | mm | Φ5.5×L55 | | | |

* Above specifications are for devices without connectors

Ordering Information

| P11 | Wavelength | Grade | Stage | Pigtail Type | Fiber Length | Connector |
|-----|-------------------|-------------------|---------------------------|---|-------------------------------------|---|
| 1X1 | 1060nm Specify | P A Specify | Single Dual 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 |