

Optical Circulator

▣ Features

- Low insertion Loss
- Low PDL
- High channel isolation
- High Return Loss
- High Stability and Reliability

▣ Applications

- Optical Fiber Amplifier
- CATV Optical Fiber Link
- Optical Fiber System testing
- Wavelength Add/Drop
- Dispersion Compensation
- Bi-Direction Communication



▣ Specifications

| Parameters | | Unit | Grade P |
|--|---------|------|----------------------------------|
| Configuration | | | Port1 to Port 2; Port2 to Port3 |
| Operation Wavelength | | nm | 1310±30 or 1550 ±30 |
| Insertion Loss | Typical | dB | 0.6 |
| | Maximum | dB | 0.8 |
| Channel Max. Isolation | | dB | 50 |
| Channel Min. Isolation | | dB | 38 |
| Directivity | | dB | 50 |
| PDL | | dB | <0.15 |
| PMD | | ps | <0.1 |
| Return Loss | | dB | >50 |
| Operating Power | | mw | 500 |
| Operating Temperature | | °C | 0~70 |
| Storage Temperature | | °C | -40~85 |
| Dimension | | mm | Φ5.5×L38 or Φ5.5×L50 or 90×20×10 |
| Note: 1. Customization is available. | | | |
| 2. Specified without connector, and add an additional 0.2dB loss per connector. | | | |

◎ **Ordering Information: OC-A-B-C-D-E**

| A | B | C | D | E |
|-------------------|-----------------------------|------------------|----------------|--------------------------|
| Centre Wavelength | Pigtail Type | Fiber length | Connector Type | Dimension |
| 13 :1310nm | 25 :250um Bare Fiber | 1 =1m | 0 =None | 4532 : Φ4.5×32mm |
| 15 :1550nm | 90 :900um Loose Tube | 1.5 =1.5m | FA=FC/APC | 5538 : Φ5.5×38mm |
| X :Other | 20 :2mm Cable | X :Other | FP=FC/PC | 5550 : Φ5.5×50mm |
| | 30 :3mm Cable | | SA=SC/APC | 9021 : 90×20×10mm |
| | | | SP=SC/PC | X :Other |
| | | | LA=LC/APC | |
| | | | LP=LC/PC | |