

## Optical Inline Isolator

### 1. Features

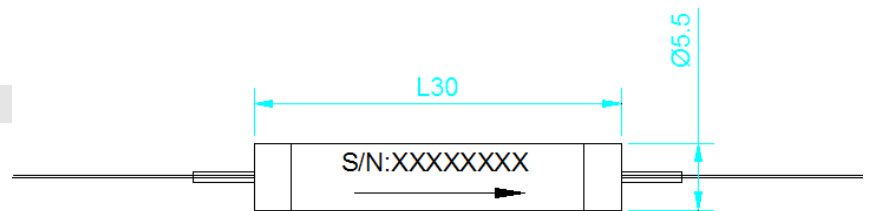
- Low Insertion Loss
- High Isolation
- Low PDL
- Compact Design
- Wide Operating Wavelength
- Wide Operating Temperature
- High Reliability and Stability

### 2. Applications

- CWDM System
- PON Networks
- CATV Links
- Fiber-optics Instruments
- Transmitters & Fiber Laser

### 3. Compliance

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS



### 4. Specifications

| Parameters                                |      | Single Stage   | Dual Stage |
|---|------|----------------|------------|
| Central Wavelength (nm)                   |      | 1310/1490/1550 |            |
| Minimum Isolation (@25°C, CW ± 15nm) (dB) |      | 32             | 46         |
| Insertion loss (dB)                       | Typ. | 0.35           | 0.40       |
|   | Max. | 0.40           | 0.50       |
| PDL (dB)                                  |      | 0.05           | 0.10       |
| PMD (ps)                                  |      | 0.20           | 0.07       |
| RL (dB)                                   |      | 55/55          |            |
| Maximum Optical Power (mw)                |      | 500            |            |
| Operating Temperature (°C)                |      | 0~70           |            |
| Storage Temperature (°C)                  |      | -40~85         |            |
| Package Dimension (mm) (Φ × L)            |      | 5.5x30         |            |

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

E-mail: [sales@op-future.com](mailto:sales@op-future.com)

Web : <http://www.op-future.com>