

Super Mini Size Polarization Insensitive Isolator

Features

- Wide Operating Wavelength
- High Isolation & Low Insertion Loss
- Low PDL
- High Stability and Reliability

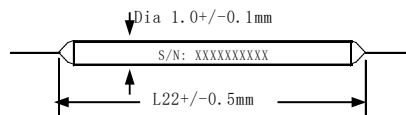
Applications

- EDFA & Testing Instruments
- Transmitters & Fiber Laser
- WDM & DWDM System

Specifications

| Parameters | Unit | Values |
|---|-------------------|-----------------------|
| Operating Wavelength | nm | 1550 |
| Peak isolation | dB | 35 |
| Isolation ($\lambda c \pm 15 \text{nm}, 23^\circ \text{C}$ all sop) | dB | ≥ 23 |
| Typ. IL ($\lambda c \pm 20 \text{nm}, 23^\circ \text{C}$ all sop) | dB | 0.8 |
| Insertion Loss ($\lambda c \pm 20 \text{nm}, 0 \sim +60^\circ \text{C}$ all sop) | dB | ≤ 1.2 |
| PDL at 23°C | dB | ≤ 0.05 |
| PMD | ps | ≤ 0.25 |
| Return Loss | dB | $\geq 60/55$ |
| Power Handling (CW) | mW | ≤ 500 |
| Fiber Type | | SMF-28e |
| Operation Temperature | $^\circ \text{C}$ | $0 \sim +60$ |
| Storage Temperature | $^\circ \text{C}$ | $-20 \sim +85$ |
| Dimensions | mm | $\phi 1.0 \times L22$ |

Package Dimensions



Ordering Information

IS- ①-②-③③③③-④④④-⑤-⑥-⑦⑦-⑧⑧⑧⑧⑧

| | | |
|---|--------------|--|
| ① | Type | S=Single Stage; |
| ② | Grade | P=P Grade; |
| ③ | Wavelength | 1550; |
| ④ | Pigtail Type | 250=250um Fiber; |
| ⑤ | Fiber Type | 1=SMF-28e; |
| ⑥ | Length | 1=1m; |
| ⑦ | Connector | NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other; |
| ⑧ | Package size | 1.0x22; |