

ISOLATOR

Polarization Insensitive Single Stage Isolator

Features:

- High isolation
- Low insertion loss
- Low polarization sensitivity
- Environmental stability and reliability
- Optical path epoxy free

Applications:

- Telecommunications
- Fiber optic LAN systems
- Fiber optic systems testing
- EDFA
- Sensors

Specifications:

Parameter	Premium	A Grade
Operating Wavelength	1310 nm, 1550 nm	
Bandwidth	± 15 nm	
Isolation in Band (at 23°C)	≥ 32 dB	≥ 30 dB
Isolation in Band (0°C - 70°C)	≥ 22 dB	≥ 20 dB
Insertion Loss (at 23°C)	≤ 0.4 dB	≤ 0.5 dB
Insertion Loss in Band (0°C - 70°C)	≤ 0.5 dB	≤ 0.6 dB
Return Loss (Input/Output)	≥ 65/60 dB	≥ 60/55 dB
PDL	≤ 0.05 dB	≤ 0.1 dB
PMD	≤ 0.2 ps	
Maximum Power Handling	1000 mW	
Operating Temperature	0 °C to +70 °C	
Storage Temperature	-40 °C to +85 °C	
Package Dimension	5.45 mm (φ) x 35 mm (L)	

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Note3: Fiber Type – Corning SMF-28 unless otherwise specified.

Order Information:

