

ISOLATOR

Polarization Insensitive Dual 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 (λ_c)	1310 nm, 1550 nm	
Bandwidth	± 20 nm	
Peak Isolation	56 dB	53 dB
Isolation in Band (at 23°C)	≥ 46 dB	≥ 45 dB
Isolation in Band (0°C - 70°C)	≥ 35 dB	≥ 33 dB
Max Insertion Loss in Band (0°C - 70°C)	0.6 dB	0.8 dB
Return Loss (Input/Output)	$\geq 65/60$ dB	$\geq 60/55$ dB
PDL (λ_c , 23°C)	≤ 0.1 dB	
PMD	≤ 0.1 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 35mm (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:

