

Isolator

Polarization Insensitive Mini Size Isolator

Specifications

Parameter	Single Stage	Dual Stage
Operating Wavelength (λ_c)	1550 nm	
Isolation in Band ($\lambda_c \pm 15$ nm, 23° C, all SOP)	≥ 30 dB	≥ 45 dB
Insertion Loss in Band (λ_c , 23° C, all SOP)	≤ 0.4 dB	≤ 0.5 dB
Insertion Loss in Band ($\lambda_c \pm 20$ nm, 0-70° C, all SOP)	≤ 0.55 dB	≤ 0.7 dB
Return Loss (Input/Output)	$\geq 55/55$ dB	
PDL (λ_c , 23° C)	≤ 0.1 dB	
PMD	≤ 0.2 ps	≤ 0.1 ps
Maximum Power	500 mW	
Operating Temperature	0° C ~ + 70° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	3.0 mm (Φ) x 22 mm (L)	

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Note3: Fiber type Corning SMF-28e.

Ordering Information

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Stage Type S: Single Stage D: Dual Stage		Center Wavelength 15: 1550 nm		Fiber Length A: 1 meter S: Special		Pigtail Style (=Package style) B: bare fiber L: 900 μ m loose tube		Connector 0: None 7: LC/UPC 1: FC/PC 8: LC/SPC 2: FC/APC 9: Special 3: SC/PC A: FC/UPC 4: SC/APC B: SC/UPC 5: FC/SPC C: ST 6: SC/SPC