

Isolator

Polarization Insensitive Dual Stage Isolator

Specifications

Parameter	Premium	A Grade
Center Wavelength (λ_c)	1310 nm, 1480 nm, or 1550 nm	
Bandwidth	± 20 nm	
Peak Isolation	56 dB	53 dB
Isolation in Band (± 10 nm, at 23° C)	≥ 46 dB	≥ 45 dB
Isolation in Band (0-70° C)	≥ 35 dB	≥ 33 dB
Insertion Loss in Band (0-70° C)	≤ 0.6 dB	≤ 0.9 dB
Return Loss (Input/Output)	$\geq 60/55$ dB	$\geq 60/55$ dB
PDL (λ_c , 23° C)	≤ 0.1 dB	
PMD	≤ 0.1 ps	
Maximum Power	500 mW	
Operating Temperature	0° C ~ + 70° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	5.5 mm (Φ) x 35 mm (L)	

Note1: All values specified are without connectors.

Note2: Higher performance specifications available upon request.

Note3: Fiber type Corning SMF-28e.

Ordering Information

<u>I</u> <u>S</u> <u>D</u>	-	-	-	-	-	-	-	-
	T		T		T		T	
	Grade		Center Wavelength		Fiber Length		Pigtail Style (=Package style)	
	P: Premium A: A Grade		13: 1310 nm 14: 1480 nm 15: 1550 nm		A: 1 meter S: Special		B: bare fiber L: 900 μ m loose tube	
							Connector	
							0: None 1: FC/PC 2: FC/APC 3: SC/PC 4: SC/APC 5: FC/SPC 6: SC/SPC	7: LC/UPC 8: LC/SPC 9: Special A: FC/UPC B: SC/UPC C: ST