

Isolator

Polarization Insensitive Dual Stage Isolator

Specifications

Parameter	Premium	A Grade
Center Wavelength (λ_c)	1310 nm, 1550 nm	
Bandwidth	$\pm 20\text{nm}$	
Peak Isolation	56 dB	53 dB
Isolation in Band (at 23° C)	$\geq 46\text{ dB}$	$\geq 45\text{ dB}$
Isolation in Band (0-70° C)	$\geq 35\text{ dB}$	$\geq 33\text{ dB}$
Insertion Loss in Band (0-70° C)	$\leq 0.6\text{ dB}$	$\leq 0.8\text{ dB}$
Return Loss (Input/Output)	$\geq 65/60\text{ dB}$	$\geq 60/55\text{ dB}$
PDL (λ_c , 23° C)	$\leq 0.1\text{ dB}$	
PMD	$\leq 0.1\text{ ps}$	
Maximum Power	500 mW	
Operating Temperature	0° C ~ +70° C	
Storage Temperature	-40° C ~ +85° C	
Package Dimensions	5.5 mm (ϕ) x 32 mm (L)	

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Note3: Fiber type Corning SMF-28e.

Order Information

I	S	D	-	-	-	-	-	-	-	-	-	-
Grade		Center Wavelength		Fiber Length		Pigtail Style (=Package style)		Connector				
P: Premium		13: 1310 nm		A: 1 meter		B: bare fiber		0: None		7: LC/UPC		
A: A Grade		15: 1550 nm		S: Special		L: 900 μm loose tube		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				