

Isolator

2 in 1 Polarization Insensitive Isolator

➔ Specifications

Parameter	Single Stage		Dual Stage	
	Premium	A Grade	Premium	A Grade
Operating Wavelength (λ_c)	1310 nm or 1550 nm			
Bandwidth	± 15 nm		± 20 nm	
Isolation in Band (at 23° C)	≥ 32 dB	≥ 30 dB	≥ 46 dB	≥ 45 dB
Isolation in Band (0-70° C)	≥ 22 dB	≥ 21 dB	≥ 40 dB	≥ 35 dB
Insertion Loss in Band (λ_c , 23° C, all SOP)	≤ 0.3 dB	≤ 0.4 dB	≤ 0.4 dB	≤ 0.5 dB
Insertion Loss in Band (λ_c , 0-70° C, all SOP)	≤ 0.5 dB	≤ 0.6 dB	≤ 0.6 dB	≤ 0.7 dB
Cross Talk	55 dB			
Return Loss (Input/Output)	$\geq 55/55$ dB			
PDL (λ_c , 23° C)	≤ 0.05 dB	≤ 0.1 dB	≤ 0.05 dB	≤ 0.1 dB
PMD	≤ 0.25 ps		≤ 0.05 ps	
Maximum Power	300 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 upon request.

Note3: Fiber type Corning SMF-28e.

➔ Ordering Information

I S 2	-	-	-	-	-	-	-
	Stage Type	Grade	Center Wavelength	Fiber Length	Pigtail Style	Connector	
	S: Single Stage D: Dual Stage	P: Premium A: A Grade	13: 1310 nm 15: 1550 nm	A: 1 meter B: 1.5 meter	(=Package style) B: bare fiber L: 900 μ m loose tube	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