

Polarization Insensitive Isolators: Wideband

Performance Specifications

Parameters*	Premium	Grade A	Unit
Operating Wavelength Range	C + L: 1530 ~ 1620 S+C : 1450 ~ 1580		nm
Crossband Isolation (@ 23°C, all SOP)	≥ 45	≥ 40	dB
Crossband Isolation (0 ~ 70°C, all SOP)	≥ 40	≥ 35	dB
Insertion Loss (@ 23°C, all SOP)	≤ 0.5	≤ 0.7	dB
Insertion Loss (0 ~ 70°C, all SOP)	≤ 0.7	≤ 0.9	dB
Polarization Dependent Loss	≤ 0.10	≤ 0.15	dB
Polarization Mode Dispersion	≤ 0.05	≤ 0.05	ps
Optical Return Loss	≥ 60	≥ 55	dB
Maximum Optical Power	500		mW
Operating Temperature	0 ~ 70		°C
Storage Temperature	-40 ~ 85		°C
Fiber Type	Corning SMF-28		
Max. Tensile Load	5		N
Package Design	Stainless Steel Tube		
Dimension	Bare Fiber	∅ 5.5 x 30.5	mm
	900µm Loose Tube	∅ 5.5 x 35	

*Target specifications are referenced without any connectors.

P/N Scheme: Isolator

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