

Single-Mode Polarization Insensitive Isolator (2000nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Center Wavelength		nm	2000	
Isolation (23°C, All SOP)	Typ.	dB	20	40
	Min	dB	16	35
Insertion Loss (23°C, All SOP)	Typ.	dB	1.1	1.3
	Max	dB	1.3	1.5
PDL	Max	dB	0.2	
Return Loss (Input/Output)	Min	dB	50/50	
Optical Power Handling	Max	W	1, or 2	
Peak Power for ns Pulse	Max	kW	10	
Package Dimension		mm	Φ5.5 x L35	
Operation Temperature		°C	-5 to 70	
Storage Temperature		°C	-40 to 85	

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

* SOP=State Of Polarization

Ordering Information

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IS	Stages	Wavelength	Fiber Type	Fiber Length	Connector	Power	Power Type
IS	S=single stage D=dual stage	20=2000nm	B=SMF-28 250um L=SMF-28 900um	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC	1W=1W 2W=2W	Pulse=Pulse CW=Continuous Wave
		X=Others	NSM1950B=Nufern SM 1950, 250um NSM1950L=Nufern SM 1950, 900um	X=Others			
			X=Others		X=Others		

Package Dimensions

