

SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR (2000nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Wavelength		nm	2000±30	
Isolation (All SOP)	(λ_c , 23°C)	Typ. dB	20	40
	(23°C)	Min dB	16	35
Insertion Loss (All SOP)	(λ_c , 23°C)	Typ. dB	1.1	1.3
	(23°C)	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.

* Max PMD is 0.25 for non-compensated single-stage parts.

* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

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

Package Dimensions

