

SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR (2000nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Wavelength		nm	2000	
Isolation ($\lambda_c \pm 50\text{nm}$, 23°C, All SOP)	Min	dB	16	35
Insertion Loss ($\lambda_c \pm 20\text{nm}$, 23°C, All SOP)	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	$\Phi 5.5 \times L35$	
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.

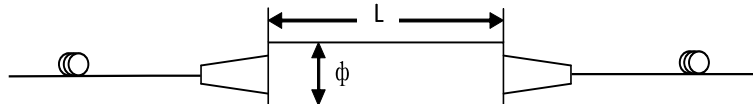
* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

IS	Stages	Wavelength	Fiber Type	Fiber Length	Connector	Power	Power Type
IS	S=single stage	10=1064nm	B=SMF-28 250um	10=1.0m	NE=None	1W=1W	Pulse=Pulse
	D=dual stage	13=1310nm	L=SMF-28 900um	15=1.5m	FA=FC/APC	2W=2W	CW=Continuous Wave
		14=1480nm	NSM1950B=Nufern SM 1950, 250um	20=2.0m	FC=FC/PC		
		15=1550nm		30=3.0m	SA=SC/APC		
		159=1590nm	ST=ST/PC				
X=Others	NSM1950L=Nufern SM 1950, 900um	X=Others	LA=LC/APC				
X=Others	X=Others		LC=LC/PC				
			X=Others	X=Others			

Package Dimensions



Contact Ascentta for all your custom design needs.