

SINGLE-MODE 1064NM POLARIZATION INSENSITIVE ISOLATORS

Specifications

Parameter		Unit	Single Stage	Dual Stage
Peak Isolation		dB	40	55
Isolation ($\lambda_c \pm 15\text{nm}$, 23°C all sop)	Min	dB	30	45
Insertion Loss ($\lambda_c \pm 5\text{nm}$, 23°C all sop)	Typ.	dB	1.5	2.4
Insertion Loss ($\lambda_c \pm 5\text{nm}$, -5-70°C all sop)	Max	dB	2.0	3.4
Return Loss (Input/Output)	Min	dB	50	50
PDL	Max	dB	0.15	0.15
PMD	Max	ps	0.2	0.05
Optical Power		mw	300	
Tensile Load		N	5	
Fiber Type			Corning Flexcore 1060	
Central Wavelength (λ_c)		nm	1064	
Package Dimension		mm	$\Phi 5.5 \times L35$	
Operation Temperature		°C	-5 to 70	
Storage Temperature		°C	-40 to 85	

* SOP=State Of Polarization

*Above specifications are for device without connector.

Ordering Information

IS	Type	Wavelength	Fiber Type	Fiber Length	Connector
IS	S=single stage	10=1064nm	B=SMF-28 250um	10=1.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=Others
	D=dual stage	13=1310nm 14=1480nm 15=1550nm 18=1585nm XX=Others	L=SMF-28 900um X=Others	20=2.0m XX=Others	