

SINGLE-MODE 1550/1590NM POLARIZATION INSENSITIVE ISOLATORS

Specifications

Parameter		Unit	Single Stage	Dual Stage
Peak Isolation		dB	42	58
Isolation ($\lambda c \pm 15\text{nm}$, 23°C all sop)	Min	dB	32	46
Insertion Loss ($\lambda c \pm 15\text{nm}$, 23°C all sop)	Typ.	dB	0.3	0.4
Insertion Loss ($\lambda c \pm 15\text{nm}$, 0-60°C all sop)	Max	dB	0.5	0.6
Return Loss (Input/Output)	Min	dB	65/60	65/60
PDL	Max	dB	0.05	0.05
PMD	Max	ps	0.2	0.05
Central Wavelength (λc)	nm	1550, 1590		
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	