

HIGH POWER (2W) POLARIZATION INSENSITIVE ISOLATOR

Specifications

Parameter		Unit	Single Stage
Center Wavelength		nm	1310 or 1550
Typ. Peak Isolation		dB	40
Typ. Insertion Loss (23°C, λ_c , all polarization states)		dB	0.28
Typ. Insertion Loss (23°C, $\lambda_c \pm 20\text{nm}$, all polarization states)		dB	0.35
Max. Insertion Loss (-5°C-75°C, $\lambda_c \pm 20\text{nm}$, all polarization states)		dB	0.43
Min. Return Loss (Input/Output)		dB	65/55
PDL	Max	dB	0.05
PMD	Max	ps	0.05
Max. Optical Power		mw	2000
Max. Tensile Load		N	5
Fiber Type			Corning SMF-28
Operation Temperature		°C	-5 to 70
Storage Temperature		°C	-40 to 85
Package Dimension		mm	Φ5.5 x L35

* Low PMD version is available. PMD<0.05ps

Ordering Information

HIS	Type	Wavelength	Fiber Type	Fiber Length	Connector	Max. Power Handling
HIS	S=Single Stage	10=1064nm 13=1310nm	B=SMF-28, 250um L=SMF-28, 900um	10=1.0m 15=1.5m 20=2.0m	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	2W=2000mW 5W=5000mW
	D=Dual Stage	14=1480nm 15=1550nm 18=1585nm XX=Others	X=Others 30=3.0m		