

POLARIZATION MAINTAINING (PM) 1590NM ISOLATOR

Specifications

Parameter		Unit	Single Stage	Dual Stage
Central Wavelength		nm	1590	
Typ. Peak Isolation		dB	42	58
Isolation (23°C, $\lambda_c \pm 40\text{nm}$, all sop)	Min	dB	20	42
Insertion Loss (23°C, $\lambda_c \pm 40\text{nm}$, all sop)	Typ.	dB	0.5	0.6
Insertion Loss (23°C, $\lambda_c \pm 40\text{nm}$, all sop)	Max	dB	0.6	0.7
Extinction Ratio	Min	dB	22	22
Return Loss (Input/Output)	Min	dB	55/50	55/50
Operation Temperature		°C	-5 to 70	
Storage Temperature		°C	-40 to 85	

Ordering Information

PMIS	Type	Wavelength	Fiber Type	Fiber Length	Connector
PMIS	S=single stage	10=1064nm	PMB=250um Panda fiber	10=1.0m	NE=None
	D=dual stage	13=1310nm	PMO=400um Panda PM fiber	15=1.5m	FA=FC/APC
		14=1480nm		20=2.0m	FC=FC/PC
		15=1550nm		SA=SC/APC
		CL=C+L band	PML=Panda PM fiber with 900um loose tube	30=3.0m	SC=SC/PC
		18=1585nm	XXX=Others		ST=ST/PC
		XX=Others			LA=LC/APC
					LC=LC/PC
					XX=others