

POLARIZATION MAINTAINING (PM) 1310NM, 1480NM, AND 1550NM ISOLATOR

Specifications

Parameter		Unit	Single Stage	Dual Stage
Central Wavelength		nm	1310,1480,1550	
Peak Isolation		dB	42	58
Isolation (λ_c , 23°C, all sop)	Min	dB	32	46
Insertion Loss (λ_c , 23°C, all sop)	Typ.	dB	0.4	0.5
Insertion Loss (λ_c , -20-60°C, all sop)	Max	dB	0.6	0.7
Extinction Ratio	Min	dB	20	20
Return Loss (Input/Output)	Min	dB	55/50	55/50
Package Dimension		mm	Φ 5.5 x L34	
Operation Temperature		°C	-5to 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 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 CL=C+L band 18=1585nm XX=Others	PMO=400um Panda PM fiber PML=Panda PM fiber with 900um loose tube XXX=Others	15=1.5m 20=2.0m 30=3.0m	