

PM Isolator(2000nm)

Features	
Low Insertion Loss High Power Handling High Isolation Low Cost	
Application	
Optical Fiber Amplifier Fiber Optic Sensor Instrumentation R&D Fiber Lasers Radar	

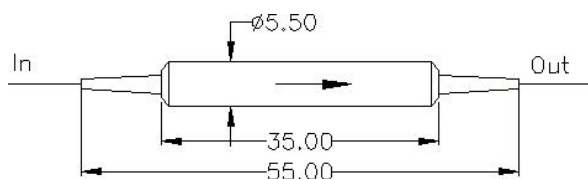
Specifications

Parameter	Value	
Stage	Single Stage	Dual Stage
Center wavelength(nm)	2000	
Bandwidth(nm)	±50	
Isolation at λ_c 23℃(dB)	≥20	≥35
Typ.Insertion Loss at 23℃(dB)	0.8	1.0
Insertion Loss at 23℃(dB)	≤1.0	≤1.2
Extinction Ratio(only for B type)	≥18	≥18
Extinction Ratio(only for F type)	≥20	≥20
Return loss (Input/output) (dB)	≥50/50	≥50/50
Power handling (mW)	≤500	
Tensile Load(N)	≤5	
Fiber Type	PM 1550 Fiber , PM 1950 Fiber or Specify	
Operating temperature (℃)	-5 ~ +70	
Storage temperature (℃)	-40 ~ +85	
Package(mm)	φ5.5×L35	

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions



IS	Type	Wave length	Working Axis		Pigtail Type	Fiber Type	Length	Connector	Package size
	S= Single stage	2000	B=Both working	axis	250=25 0um	1=SMF-28e	0.8=0.8 1= 1m	NE=None	5.5x35
	D=Dual Stage		F= Fast blocked	axis	bare fiber	9=SM 1950		FA=FC/APC	
					900=90 0um			FC=FC/UPC	
					loose			SA=SC/APC	
					tube			SC=SC/UPC	
								LC=LC/UPC	
								LA=LC/APC	
								XX=Other	