

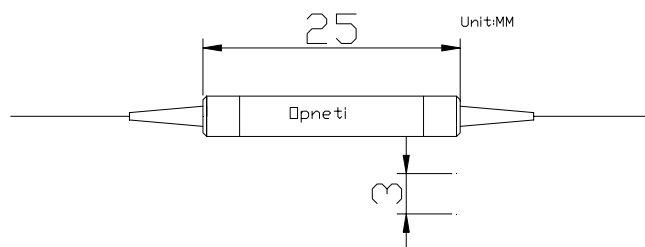
## RC80 PM Isolator

<b>Features</b>	
Low Insertion Loss High Extinction Ratio High Isolation High stability and reliability	
<b>Application</b>	
Fiber Optical Instrument Fiber Sensor	

### Specifications

Type Parameter		Single Grade		Dual Grade	
		P	A	P	A
Operating wavelength (nm)		1550			
Bandwidth (nm)		±20			
Peak isolation (dB)		40	38	52	50
Isolation (dB)		≥28	≥26	≥42	≥40
Typ. Insertion Loss (at 23°C)		0.4	0.5	0.5	0.6
Insertion Loss (at 23°C)		≤0.6	≤0.7	≤0.7	≤0.9
Extinction Ratio (dB)	Type 2 (Both of axis working)	≥20	≥18	≥20	≥18
	Type 1 (Fast axis blocked)	≥22	≥20	≥22	≥20
Return loss (Input/Output) (dB)		≥55			
Power handling (mW)		≤300			
Fiber Type		RC80, PM1550			
Operating temperature (°C)		-5~+70			
Storage temperature (°C)		-40 ~ +80			
Dimensions (mm)		φ5.5×L35 or 3x25			

### Package Dimensions



### Ordering Information

PMIS	Type	Grade	Wavelength	Axis Alignment	Pigtail Type	Fiber Type	Length	Package
	S= Single stage D = Dual Stage	P A	1550	1=Fast Axis Blocked 2=Both Axis Working	170=170um bare fiber	6=RC PM 1550	0.8= 0.8m	5.5x35 3x25