

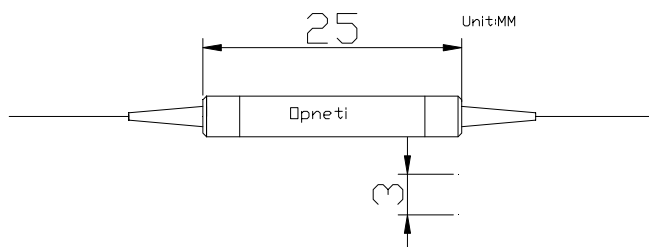
## RC80 Mini Size Polarization Insensitive Isolator

<b>Features</b>	
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL Mini Size High stability and reliability	
<b>Application</b>	
Fiber Sensor Testing instruments	

### 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 (at 23°C) (dB)	≥28	≥26	≥42	≥40
Typ. Insertion Loss (at 23°C)	0.9	1.0	1.0	1.1
Insertion Loss (at -5 ~+70°C)	≤1.0	≤1.2	≤1.2	≤1.3
PDL at 23°C (dB)	≤0.05	≤0.1	≤0.1	≤0.15
Return Loss (dB)	≥55/55	≥55/55	≥55/55	≥55/55
Optical Power (mW)	≤500			
Fiber Type	RC80,SM1550			
Operating temperature (°C)	-5 ~ +70			
Storage temperature (°C)	-40 ~ +80			
Dimensions (mm)	φ3.0×L25			

### Package Dimensions



### Ordering Information

IS	Type	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Package
	S= Single stage D = Dual Stage	P A	1550	170=170um bare fiber	6=RC80,SM1550	1= 1m	3x25