
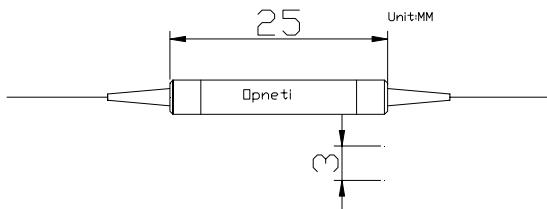


## Mini Size Polarization Insensitive Isolator

<b>Features</b>	
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL Mini Size	
<b>Application</b>	
EDFA Transmitters & Fiber Laser WDM & DWDM System Testing instruments	

**Specifications**

Type Parameter	Single Grade		Dual Grade	
	P	A	P	A
Operating wavelength (nm)	1310, 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)	0.4	0.5	0.5	0.6
Insertion Loss (at -5 ~ +70 °C)	≤0.55	≤0.7	≤0.65	≤0.90
PDL at 23°C (dB)	≤0.05	≤0.1	≤0.1	≤0.15
PMD (ps)	≤0.2	≤0.25	≤0.05	≤0.07
Return loss (dB)	≥60/55	≥60/55	≥60/55	≥60/55
Power handling (mW)	≤500			
Fiber Type	SMF-28e			
Operating temperature (°C)	-5 ~ +70			
Storage temperature (°C)	-40 ~ +80			
Dimensions (mm)	φ3.0×L25			

**Packing Dimensions**

**Ordering Information:**

IS	Type	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package size
	S= Single stage D = Dual Stage	P A	1310 1550 1	250=250um bare fiber 900=900um loose tube	1=SMF-28e	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	3x25