


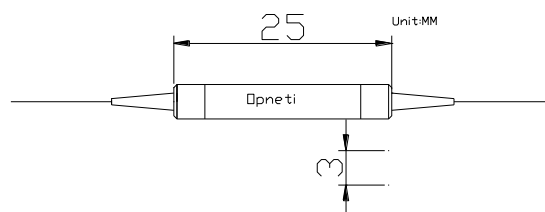
Mini Size Polarization Insensitive Isolator

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

Specifications

Parameter	P Grade	A Grade	P Grade	A Grade
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)	$\geq 60/55$	$\geq 60/55$	$\geq 60/55$	$\geq 60/55$
Power handling (mW)	≤ 500			
Fiber Type	SMF-28e			
Operating temperature (°C)	-5 ~ +70			
Storage temperature (°C)	-40 ~ +80			
Dimensions (mm)	$\phi 3.0 \times L25 / \phi 3.0 \times L22$			

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	250=250um 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 3x22