

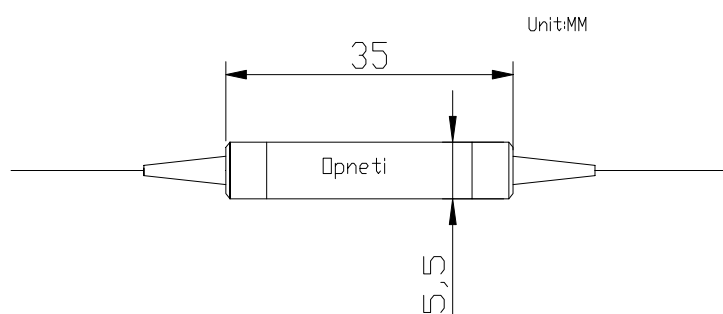
Polarization Insensitive Isolator

Features	
Wide Operating Wavelength	
High Isolation & Low Insertion Loss	
Low PDL	
Application	
EDFA & Testing Instruments	
Transmitters & Fiber Laser	
WDM & DWDM System	

Specifications

Parameter	Single Grade		Dual Grade	
	P	A	P	A
Operating Wavelength (nm)	1310, 1480, 1550, 1590			
Bandwidth (nm)	±15		±30	
Peak Isolation (dB)	40	38	55	50
Isolation ($\lambda \pm 15\text{nm}$, 23°C all Sop) (dB)	≥28	≥26	≥46	≥42
Typ. IL ($\lambda \pm 20\text{nm}$, 23°C all Sop)	0.35	0.45	0.5	0.6
Insertion Loss ($\lambda \pm 20\text{nm}$, -5 ~ +70°C all Sop)	≤0.55	≤0.65	≤0.8	≤0.9
PDL at 23°C (dB)	≤0.08	≤0.1	≤0.1	≤0.15
PMD (ps)	≤0.25	≤0.25	≤0.1	≤0.1
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)	φ5.5×L35			

Package Dimensions



Ordering Information

IS	Type	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package Size
	S=Single Stage D=Dual Stage	P A	1310 1480 1550 1590	250=250um Bare Fiber 900=900um Loose Tube 3000=3mm 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	5.5x35