

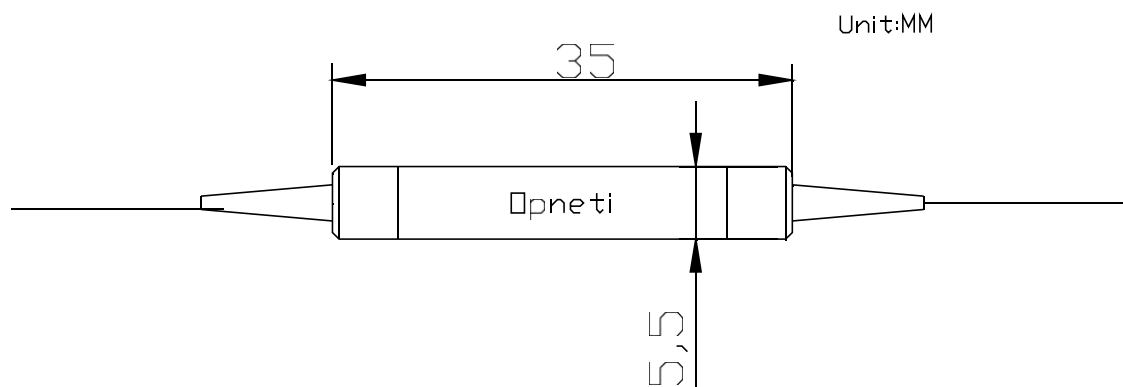
Polarization Insensitive Isolator

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

Specifications

Parameter	Type	Single Grade		Dual Grade	
		P	A	P	A
Operating wavelength (nm)		1310,1480, 1550,1590			
Peak isolation (dB)		42	40	58	55
isolation ($\lambda c \pm 15\text{nm}$, 23°C all sop) (dB)		≥ 28	≥ 26	≥ 48	≥ 45
Typ. IL ($\lambda c \pm 20\text{nm}$, 23°C all sop)		0.35	0.40	0.40	0.60
IL ($\lambda c \pm 20\text{nm}$, -5 ~ +70 °C all sop)		≤ 0.50	≤ 0.70	≤ 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)		0 ~ +70			
Storage temperature (°C)		-40 ~ +80			
Dimensions (mm)		$\phi 5.5 \times L35$			

Package Dimensions:





Ordering Information

IS	Type	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package
	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