

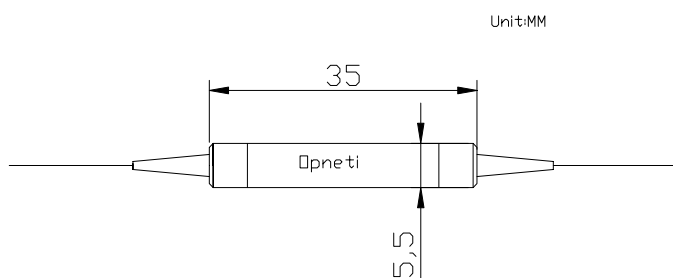
High Power Isolator(1310, 1550nm, 1-20W)

Features	
Low Insertion Loss & PDL High Isolation & Return Loss & Extinction Ratio High Reliability	
Application	
EDFA Fiber Optical Instrument Fiber Laser	

Specifications

Parameter		Non-PM Isolator (HPIS)		PM Isolator (HPMIS)	
Type		Single Stage	Dual Stage	Single Stage	Dual Stage
Center Wavelength (nm)		1310, 1550			
Bandwidth (nm)		±20			
Peak Isolation (dB)		42	58	42	58
Isolation at 23°C (dB)		≥28	≥48	≥28	≥48
Insertion Loss at 23°C (dB)		≤0.5 (Typ 0.35)	≤0.55 (Typ 0.4)	≤0.5 (Typ 0.35)	≤0.55 (Typ 0.4)
Extinction Ratio (dB)	Type 1 (Fast Axis Blocked)	--	--	≥22	≥22
	Type 2 (Both of Axis Working)	--	--	≥20	≥20
PDL (dB)		≤0.10	≤0.15	--	--
Return Loss (Input/Output) (dB)		≥50	≥50/50	≥50/50	≥50/50
Fiber Type		SMF-28e		PM 1310, PM1550	
Power Handling (CW, mW)		1, 2, 3, 5, 10, 20			
Package Dimensions (mm)		5.5x35			
Operating Temperature (°C)		-5 ~ +70			
Storage Temperature (°C)		-40 ~ +85			

Package Dimensions



Ordering Information

HPIS, HPMIS	Type	Wavelength	Working Axis	Pigtail Type	Fiber Type	Length	Power
	S=Single Stage D=Dual Stage	1310 1550	1=Fast Axis Blocked 2=Both of Axis Working	250=250um Bare Fiber 900=900um Loose Tube	1=SMF-28e 5=Panda Fiber	0.8~0.8m	1=1W 2=2W 3=3W 5=5W 10=10W