

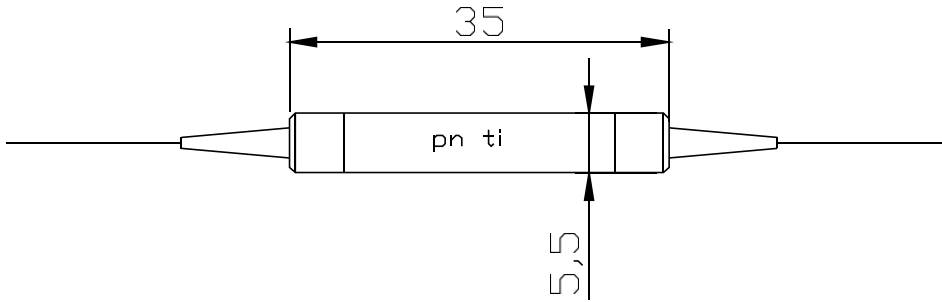
High Power Isolator(1310,1550nm, 1-20W)

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)	
		Single stage	Dual Stage	Single stage	Dual Stage
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)		≤ 500			
Package Dimensions (mm)		1,2, 3, 5,10,20			
Operating temperature (°C)		-5 ~ +50			
Storage temperature (°C)		-20 ~ +75			

Package Dimensions



Ordering Information

HPIS HPMIS	Type	Wavel ength	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 3000=3mm loose tube	1=SMF-28e 5= Panda fiber	0.8= 0.8m	1=1W 2=2W