

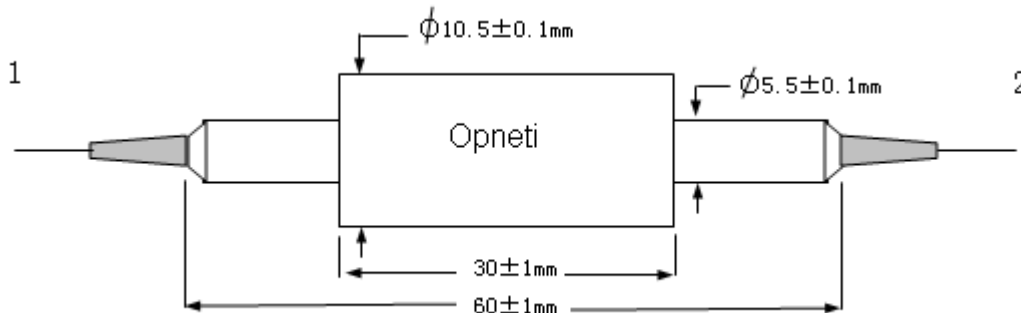
1064nm High Power Isolator (500mW)

Features	
Low Insertion Loss & PDL High Isolation & Return Loss High Power High stability and reliability	
Application	
Fiber Laser	

Specifications

Parameter		Non-PM Isolator (HPIS)		PM Isolator (HPMIS)	
Type		Single stage	Dual Stage	Single stage	Dual Stage
Center wavelength (nm)		1064			
Bandwidth (nm)		±5			
Peak Isolation (dB)		40	55	40	55
Isolation at 23°C (dB)		≥35	≥45	≥35	≥45
Insertion Loss at 23°C (dB)		≤1.8 (Typ 1.5)	≤3.5 (Typ 2.4)	≤1.8 (Typ 1.5)	≤3.5 (Typ 2.4)
Extinction Ratio (dB)	Type 1 (Fast axis blocked)	--	--	≥22	≥22
	Type 2 (Both of axis working)	--	--	≥20	≥20
PDL (dB)		≤0.15	≤0.15	--	--
Return loss (Input/output) (dB)		≥50/50	≥50/50	≥50/50	≥50/50
Fiber Type		HI 1060	HI 1060	PM 980	PM 980
Power handling (CW, mW)		≤ 500			
Package Dimensions (mm)		5.5x60			
Operating temperature (°C)		-5 ~ +50			
Storage temperature (°C)		-20 ~ +75			

Package Dimensions



Ordering Information

HPIS HPMIS	Type	Wavelength	Working axis	Pigtail Type	Fiber Type	Length	Power
	S= Single stage D = Dual Stage	1064	1=Fast axis blocked 2= Both of axis working	250=250um bare fiber 900=900um loose tube	4=HI1060 5= Panda fiber	0.8= 0.8m	500mW