

High Power In Line PM/Non-PM Optical Isolator

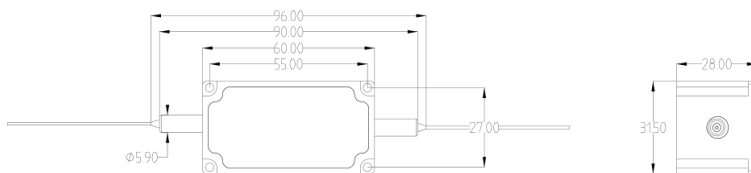
Features	
Low Insertion Loss & PDL High Isolation Extinction Ratio High stability and reliability	
Application	
Fiber Laser Fiber Optical Instrument	

Specifications

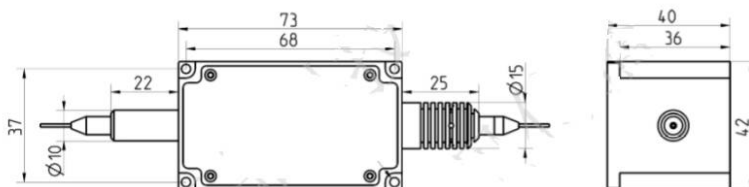
Parameter		Non-PM Fiber Isolator (HPIS)	PM Fiber Isolator (HPMIS)
Center wavelength (nm)		850, 980, 1030, 1064	
Bandwidth (nm)		±10	
Peak isolation (dB)		30~35	30~35
Isolation at 23°C (dB)		≥ 25	≥ 25
Insertion Loss at 23°C (dB)		≤1.0(typ.0.6)	≤1.0(typ.0.6)
PDL (dB)		≤0.15	
Extinction Ratio (dB)		--	≥20
Return loss (Input/output) (dB)		≥50/50	≥50/50
Power handling	Average Power (W)	1,2,3,5,10,15,20,50	
	Pulse Peak (Kw)	10 or specify	
Fiber Type		HI1060 or LMA fiber (10/125, 20/130, etc)	PM980 or PM LMA fiber LMA fiber (10/125, 20/130, 25/250)
Operating temperature (°C)		-5 ~ +50	
Storage temperature (°C)		-20 ~ +75	

Package Dimension

<10W Power Package



<50W Package



Ordering Information

HPIS HPMIS	Wavelength	Fiber Axis Alignment	Pigtail Type	Fiber Type	Length	Power	Package
	1030 1040 1064 1083	N=N/A F=Slow axis Alignment, Fast axis blocked	1=900um loose tube	06=HI1060 10=10/125SCF 20=20/130DCF 25=25/250DCF 30=30/250DCF P6=PM980 PA=PM1060L PB=PM 20/130DCF	0.8= 0.8m	1=1W 3=3W 5=5W 10=10W 20=20W 50=50W X=Others	96x31.5x28 120x42x40