

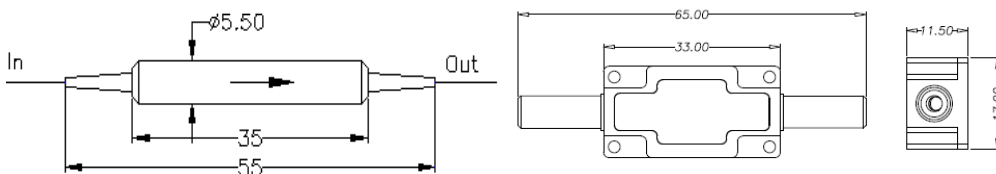
## 1064nm PM & Non-PM Isolator for low and high power

Features	
High Power High Isolation High Reliability	
Application	
Fiber Laser Fiber Amplifier	

### Specifications

Parameters	Unit	Non-PM fiber Isolator	PM fiber Isolator
Stage		Single Stage	Single Stage
Center Wavelength (λc)	nm	1064	
Typ. Isolation	dB	35	35
Isolation at 23°C	dB	≥28	≥28
Typ. Insertion Loss	dB	1.7	1.7
Insertion Loss at 23°C (300mW)	dB	≤2.0	≤2.0
Insertion Loss at 23°C (1W)	dB	≤2.5	≤2.5
Insertion Loss at 23°C (2W)	dB	≤3.0	≤3.0
Return Loss	dB	≥50 / 50	≥50 / 50
PDL	dB	≤0.15	--
Extinction Ratio ( B Type)	dB	--	≥18
Extinction Ratio (F Type)	dB	--	≥20
Optical Power (Average power)	W	0.3mW, 2W	
Fiber Type		HI1060 or LMA	PM 980 Panda Fiber or PM LMA
Operating Temperature	°C	-5 to +50	
Storage Temperature	°C	-40 to +85	
Package Dimension	mm	OD 5.5x35mm , 65x17x11.5	

### Package Dimensions



### Ordering Information

HPIS HPMIS	Wavelength	Working axis	Pigtail	Fiber	length	Package	Power
	1064	N= N/A  F= Fast axis Blocked  B= Both axis working	0=250um bare fiber  1=900um loose tube	1=HI1060 2=10/125 SCF 3=20/130 DCF 5=PM980 6=PM106 OL	0.8=0.8m S=Specify	35= OD5.5x35m m  65= 65x17x11.5	0.3= 300mW  2= 2W