

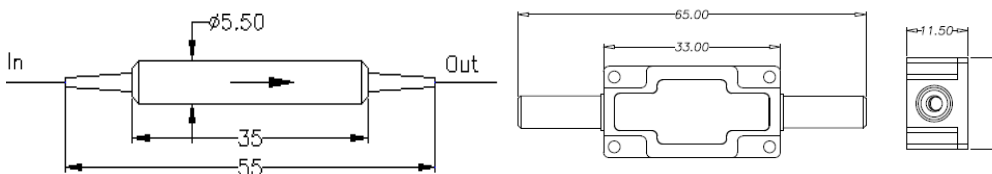
YIG Crystal 1064nm Polarization Insensitive Isolator & PM Isolator

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 (λ_c)	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	$\geq 50 / 50$	$\geq 50 / 50$
PDL	dB	≤ 0.15	--
Extinction Ratio (B Type)	dB	--	≥ 18
Extinction Ratio (F Type)	dB	--	≥ 20
Optical Power (Average power)	W	0.3,2	
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=OD5.5x 35mm 65=65x17x 11.5	0.3=3 00m W 2=2W