

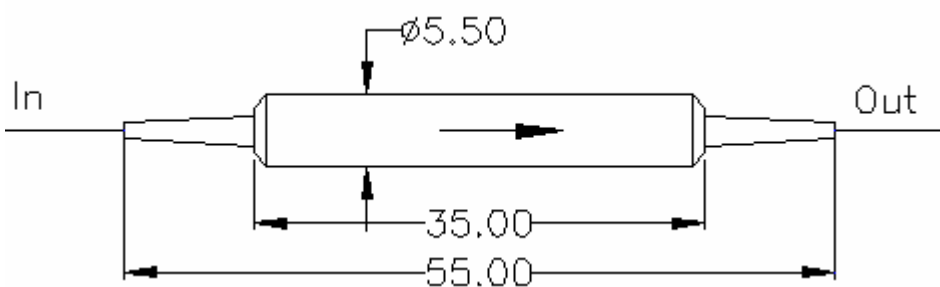
High Power 1064nm Isolator (500mW)

Features	
High Power High Isolation High Reliability	
Application	
Fiber Laser	

Specifications

Parameters	Unit	Non-PM fiber Isolator		PM fiber Isolator	
		Single Stage	Dual Stage	Single Stage	Dual Stage
Stage		Single Stage	Dual Stage	Single Stage	Dual Stage
Center Wavelength (λc)	nm	1064			
Typ. Isolation	dB	38	52	38	52
Isolation at 23℃	dB	≥30	≥42	≥30	≥42
Typ. Insertion Loss	dB	2.0	3.0	2.0	3.0
Insertion Loss at 23℃	dB	≤2.5	≤3.8	≤2.5	≤3.8
Return Loss	dB	≥55 / 50	≥55 / 50	≥55 / 50	≥55 / 50
PDL	dB	≤0.15	≤0.1	--	--
Extinction Ratio (B Type)	dB	--	--	≥18	≥18
Extinction Ratio (F Type)	dB	--	--	≥20	≥20
Optical Power (CW)	mW	≤500			
Fiber Type		HI1060		PM 980 Panda Fiber	
Operating Temperature	℃	-5 to +50			
Storage Temperature	℃	-40 to +85			
Package Dimension	mm	5.5x35			

Package Dimensions



Ordering Information

HPIS HPMIS	Wavelength	Stage	Working axis	Pigtail	Fiber	length	Package	Power
	1064	S=Single stage D=Dual stage	F=Fast axis Blocked B=Both axis working	250=250um bare fiber 900=900um loose tube	1=HI1060 5=PM980	0.8=0.8m S=Specify	5.5x35	500mW