

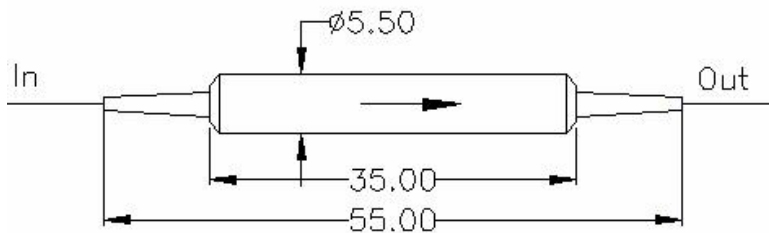
High Power 1064nm Isolator (500mW)

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 (λ_c)	nm	1064			
Typ. Isolation	dB	38	52	38	52
Isolation at 23°C	dB	≥30	≥42	≥30	≥42
Typ. Insertion Loss	dB	2.0	3.0	2.0	3.0
Insertion Loss at 23°C	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	°C	-5 to +50			
Storage Temperature	°C	-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