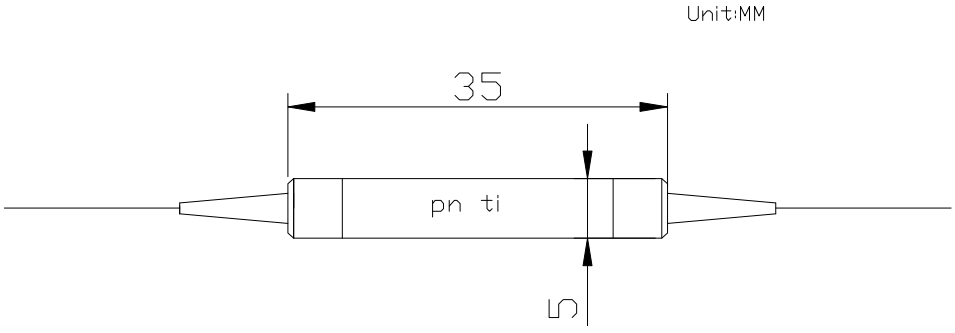
1064nm High Power Isolator 500mW

Features
Low Insertion Loss & PDL High Isolation & Return Loss High reliability
Application
EDFA Fiber Optical Instrument Fiber Laser

Specifications

Parameter		Non-PM Isolator (HPIS)		PM isolator (HPMIS)	
Type		Single stage	Dual Stage	Single stage	Dual Stage
Center wavelength (nm)		1064			
Bandwidth (nm)		±5			
Peak isolation (dB)		40	55	40	55
Isolation at 23℃(dB)		≥35	≥45	≥35	≥45
Insertion Loss at 23℃ (dB)		≤1.8 (Typ 1.5)	≤3.2 (Typ 2.4)	≤1.8 (Typ 1.5)	≤3.2 (Typ 2.4)
Extinction Ratio (dB)	Type 1 (Fast axis blocked)	--	--	⩾22	⩾22
	Type 2 (Both of axis working)	--	--	⩾20	⩾20
PDL (dB)		≤0.15	≤0.15	--	--
Return loss (Input/output) (dB)		≥50/50	≥50/50	≥50/50	≥50/50
Fiber Type		HI 1060	HI 1060	PM 980	PM 980
Power handling (CW, mW)		≤ 500			
Package Dimensions (mm)		5.5x35			
Operating temperature (℃)		-5 ~ +50			
Storage temperature (℃)		-20 ~ +75			

Package Dimensions



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Ordering Information

HPIS HPMIS	Type	Wavelength	Working axis	Pigtail Type	Fiber Type	Length	Power
	S= Single stage D = Dual Stage	1064	1=Fast axis blocked 2= Both of axis working	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	4=HI1060 5= Panda fiber	0.8= 0.8m	0.5=500mW

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