

## 1064nm In line Input-Free Space Output High Power Isolator

<b>Features</b>	
High Isolation & Handling Power & ER Low IL & PDL Excellent Environmental Stability and Reliability	
<b>Application</b>	
Fiber Laser Fiber Amplifier	

### Specifications:

Type		Non-PM fiber (HPCIS)	PM fiber (HPMCIS)
Parameters			
Center Wavelength ( $\lambda_c$ ) (nm)	1064		
Operating Wavelength Range (nm)	$\pm 10$		
Typ. Peak Isolation (dB)	30~35dB		
Isolation at 23°C (dB)	$\geq 23$ dB		
Transmission (%)	$\geq 90$ (Typ. 93%)		
Return Loss (dB)	$\geq 50$ dB		
PDL (dB)	<0.15	--	
Extinction Ratio (Type 1) (dB)	--	$\geq 22$ dB	
Fiber Type	HI1060 or LMA fiber	PM 980 or PM LMA fiber	
Nominal Output Beam Diameter (1/e <sup>2</sup> )	0.5, 1.0 mm or Specify		
Optical Power	CW (W)	5, 10, 20, 30, 50W or Specify	
	Pulse Peak (Kw)	10Kw or others	
Operating Temperature	-5 to +50		
Storage Temperature	-20 to +75		
Package Dimension			

### Ordering Information

HPCIS HPMCIS	Wavelength	Working Axis	Pigtail Type	Fiber Type	Length	Power
	1064	1=Fast Axis blocked	900=900um tube 3000=3mm tube	loose loose	4=HI1060 5=Panda fiber	0.8= 0.8m  1=1W 2=2W X=Others