

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

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

Specifications:

Type		Non-PM fiber (HPCIS)	PM fiber (HPMCIS)
Parameters			
Center Wavelength (λ_c) (nm)		1064	
Operating Wavelength Range (nm)		± 10	
Typ. Peak Isolation (dB)		30~35dB	
Isolation at 23°C (dB)		≥ 23 dB	
Transmission (%)		≥ 90 (Typ. 93%)	
Return Loss (dB)		≥ 50 dB	
PDL (dB)		<0.15	--
Extinction Ratio (Type 1) (dB)		--	≥ 22 dB
Fiber Type		HI1060 or LMA fiber	PM 980 or PM LMA fiber
Nominal Output Beam Diameter (1/e ²)		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 loose tube 3000=3mm loose tube	4=HI1060 5=Panda fiber	0.8= 0.8m	1=1W 2=2W X=Others