

# 1064nm High Power Dual-stage In-line Isolator

## Specifications

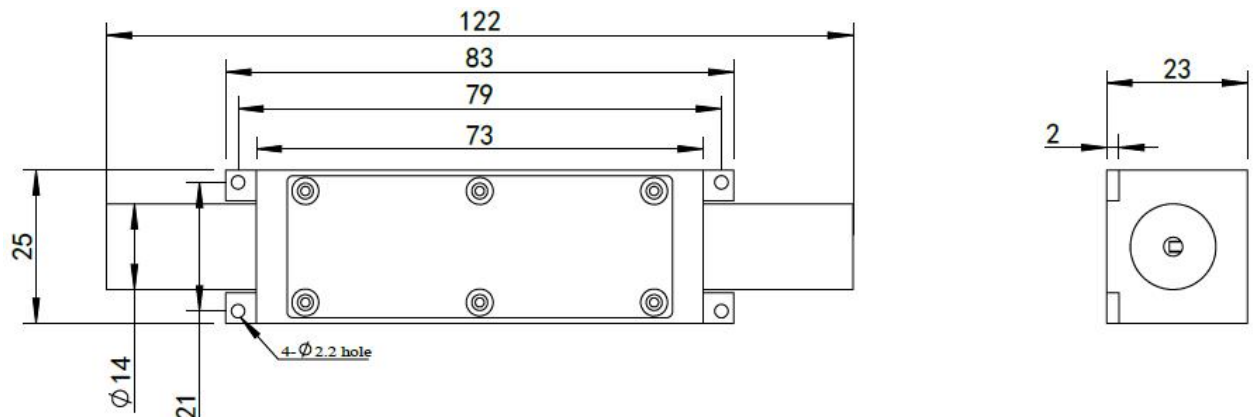
Parameter	Unit	Specifications	
		Non-PM	PM
Operating wavelength	nm	1030,1064,1080,or customized	
Pass Bandwidth@-0.5dB	nm	Customized for BPF	
Pass Bandwidth@-3dB	nm	Customized for BPF	
Typ, Insertion loss, $\lambda_c$ , 23°C	dB	0.7	
Insertion loss, $\lambda_c$ , 23°C	dB	$\leq 1.0$	
Tap ratio (Customized)	%	Customized for Tap	
Isolation, $\lambda_c \pm 5\text{nm}$ , 23°C (Output→Input)	dB	$\geq 45$	
Polarization dependent loss, 23°C	dB	$\leq 0.2$	/
Extinction ratio, 23°C	dB	/	$\geq 20$
Return loss	dB	$\geq 50$	
Fiber type	/	Hi 1060 or customized	PM980 or customized
Fiber length	m	Customized	
Pigtail type	/	Bare or Customized	
Connector	/	Customized	
Max. power handling	W	1,5,10,20,or customized	
Max. tensile load	N	5	
Operating temperature	°C	-5~ +50	
Storage temperature	°C	-20 ~ +70	
Dimensions (L*W*H)	mm	122*25*23 or 142*25*23	

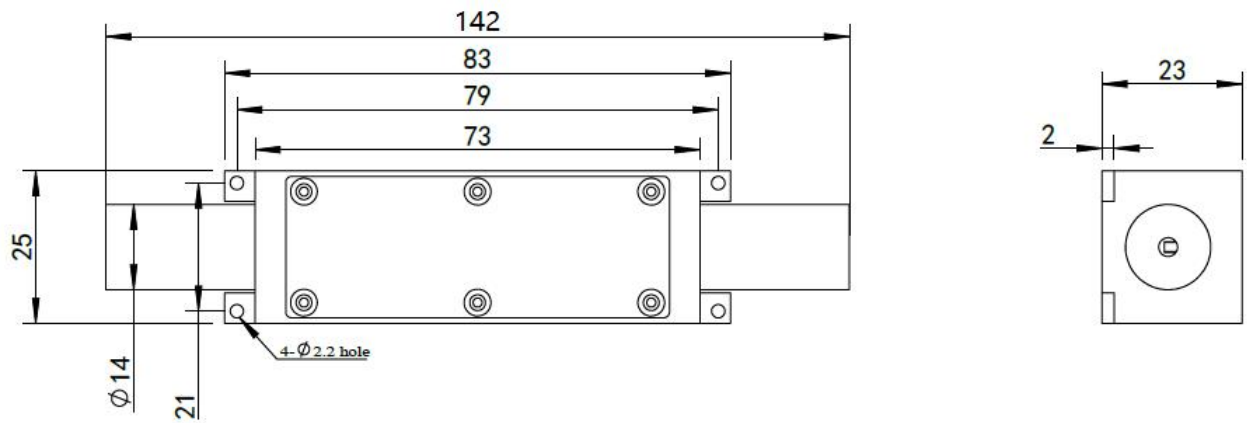
\*Other specifications can be made on customer request. Can integrate MFA, BPF, Tap functions.

\*The Above specifications is without connector, the connector handle power  $\leq 0.3\text{W}$ .

\* IL is 0.5dB higher, and RL is 5dB lower for each connector added

## Mechanical Dimension (Unit: mm)





## Ordering Information

HPIIT-D-XXXX-X-XXX-X-X-XX\*XX-XX

- Fiber length.
- Package size:122\*25\*23.
- Average power handling: 1=1W, 5=5W, 10=10W, etc.
- Power condition: C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc.
- Fiber type: Fiber code
- 0:bare fiber, 1:900um loose tube .
- Operating wavelength: 1019nm etc.
- D: Dual-stage
- HPIIT,HPIITT,HPIITB etc