

2W 1064nm In-line Isolator

Specifications

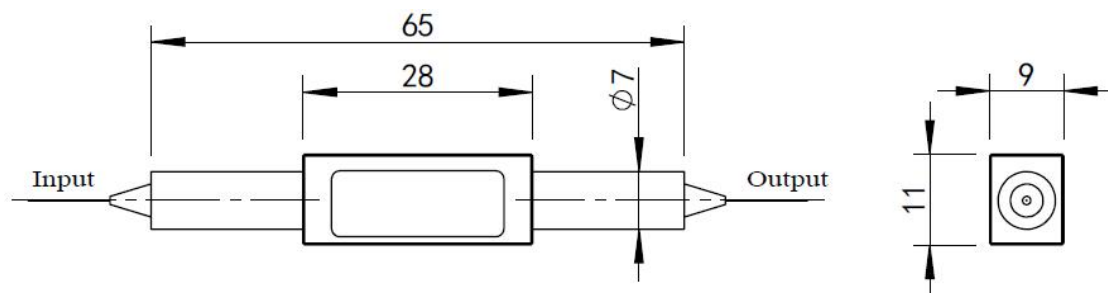
Parameter	Unit	Specifications	
		Non-PM	PM
Operating wavelength	nm	1064,1080,or customized	
Pass Bandwidth@-0.5dB	nm	Customized for BPF	
Pass Bandwidth@-3dB	nm	Customized for BPF	
Insertion loss, λ_c , 23°C@1mW	dB	≤ 1.8	
Typ, Insertion loss, λ_c , 23°C@1mW	dB	1.3	
Insertion loss, λ_c , 23°C@max power	dB	≤ 2.7	
Typ, Insertion loss, λ_c , 23°C@max power	dB	2.1	
Tap ratio (Customized)	%	Customized for Tap	
Isolation, λ_c , 23°C(Output \rightarrow Input)	dB	≥ 28	
Polarization dependent loss, 23°C	dB	≤ 0.2	
Extinction ratio, 23°C	dB	/	≥ 20
Return loss	dB	≥ 50	
Fiber type (Input & Output)	/	Hi 1060 or customized	PM980 or customized
Fiber length	m	1.0	
Pigtail type	/	Bare or Customized	
Connector	/	Customized	
Max. power handling	W	2.0	1.0
Max. tensile load	N	5	
Operating temperature	°C	-5~ +50	
Storage temperature	°C	-20 ~ +70	
Dimensions (L*W*H)	mm	65*11*9 or 75*12*12.5	

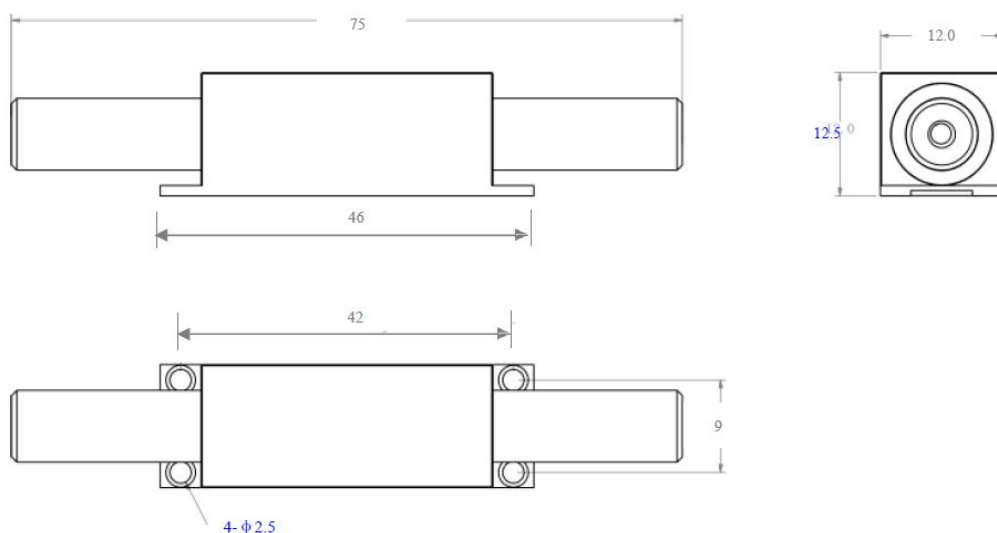
*Other specifications can be made on customer request. Can integrate MFA, BPF, Tap functions.

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

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

Mechanical Dimension (Unit: mm)





Ordering Information

P/N:HP(PM)IIF-X-XXXX-X-XXX-X-X-XX*XX-XX

- Fiber length.
- Package size:75*12*12.5.
- 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.
- F:fast axis blockde. B: both axis working
- HPPMIIF,HPIIF