

1064nm High Power Polarization Maintaining In-line Isolator

Specifications

Parameter	Unit	Specifications
Operating wavelength	nm	1030,1064 or customized
Pass Bandwidth@-0.5dB	nm	Customized for BPF
Pass Bandwidth@-3dB	nm	Customized for BPF
Typ, Insertion loss, λ_c , 23°C	dB	0.6
Insertion loss, λ_c , 23°C	dB	≤ 1.0
Tap ratio (Customized)	%	Customized for Tap
Isolation, λ_c , 23°C (Output→Input)	dB	≥ 28
Return loss	dB	≥ 50
Extinction ratio, 23°C	dB	≥ 20
Fiber type (Input & Output)	/	PM980 or customized
Fiber length	m	customized
Max. power handling	W	1,5,10,20,30, 50 or customized
Max. tensile load	N	5
Operating temperature	°C	-5~ +50
Storage temperature	°C	-20 ~ +70
Dimensions (L*W*H)	mm	105*22*22 or 125*22*22 112*22*22 or 132*22*22

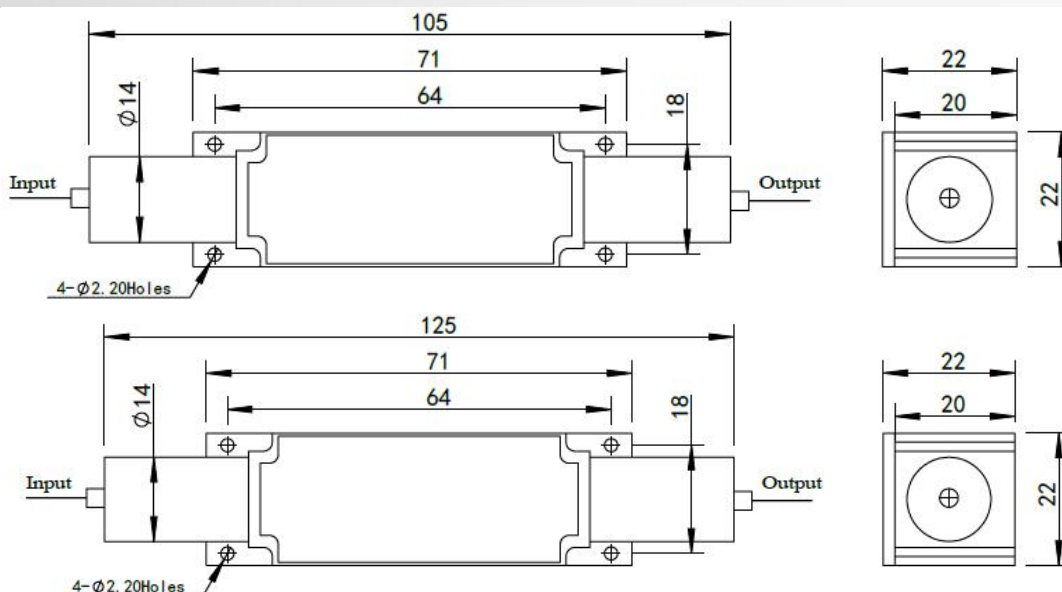
*Other specifications can be made on customer request. Can integrate MFA, BPF, Tap functions.

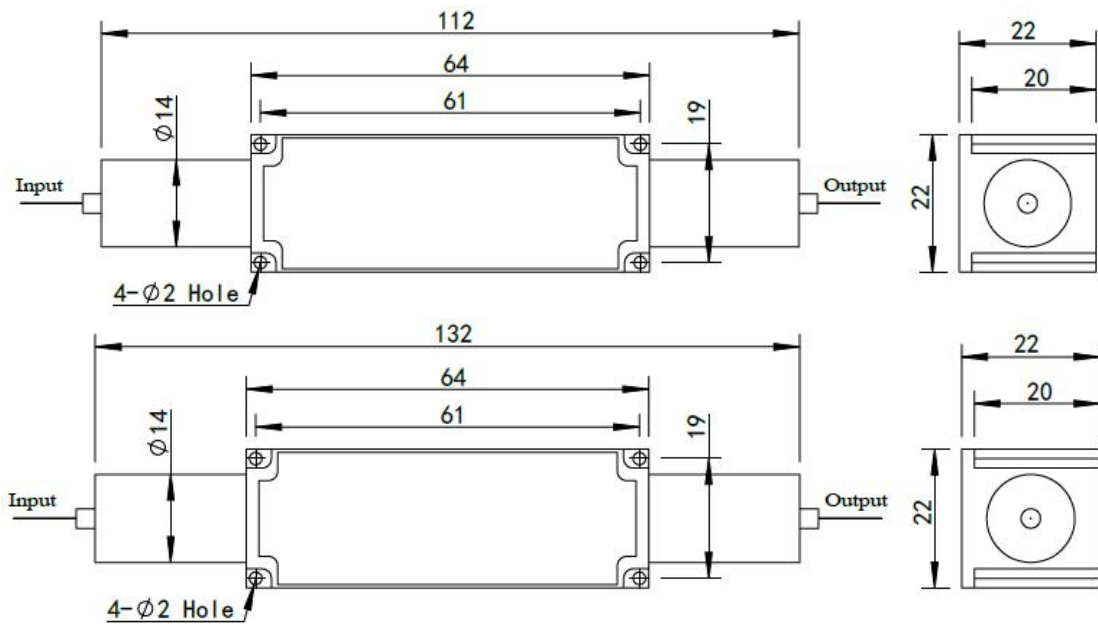
*Smaller sizes can be designed and customized.

*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: HPPMIIT-X-XXXX-X-XXX-X-X-XX*XX-XX

