

1064nm High Power Polarization Maintaining Circulator

Specifications

Parameter	Unit	Specifications
Operating wavelength	nm	1030,1064 or customized
Typ, Insertion loss, λ_c , 23°C (P1→P2&P2→P3)	nm	0.6
Insertion loss, λ_c , 23°C (P1→P2&P2→P3)	dB	≤1.0
Isolation, λ_c , 23°C (P2→P1&P3→P2)	dB	≥26
Extinction ratio, 23°C (P1→P2&P2→P3)	dB	≥20
Return loss	dB	≥50
Crosstalk, 23°C (P1→P3)	dB	≥50
Working axis	/	Slow axis working, fast axis blocked
Fiber type	/	PM980 or PM10/125 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	87*17*15 or 98*32*23

*Other specifications can be made on customer request.

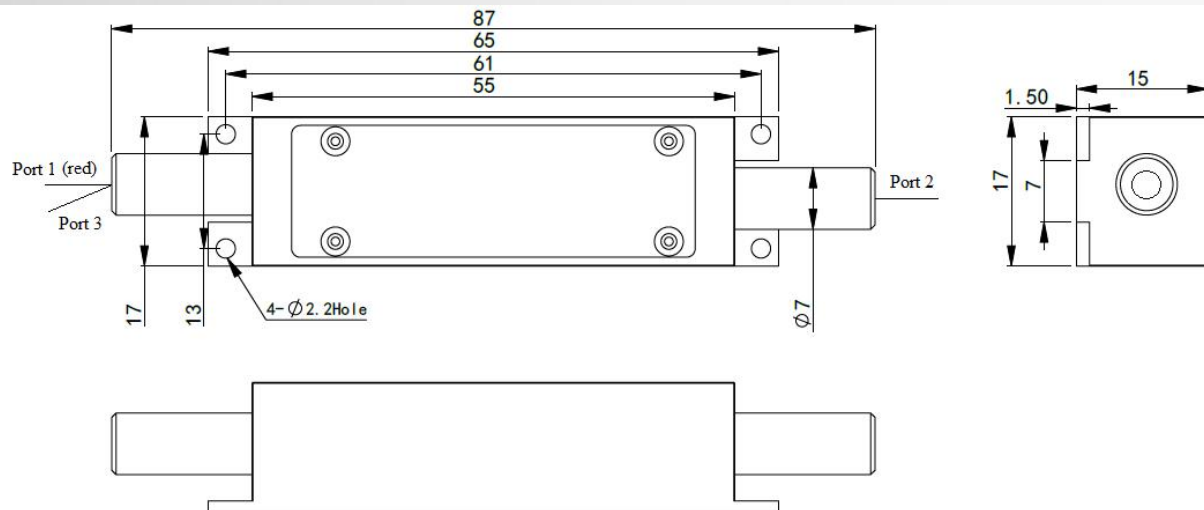
*For 4 port type, the port 1 to 2, 2to 3, 3 to 4 and 4 to 1 is pass; the port 2 to 1, 3 to 2, 4 to 3 is isolated.

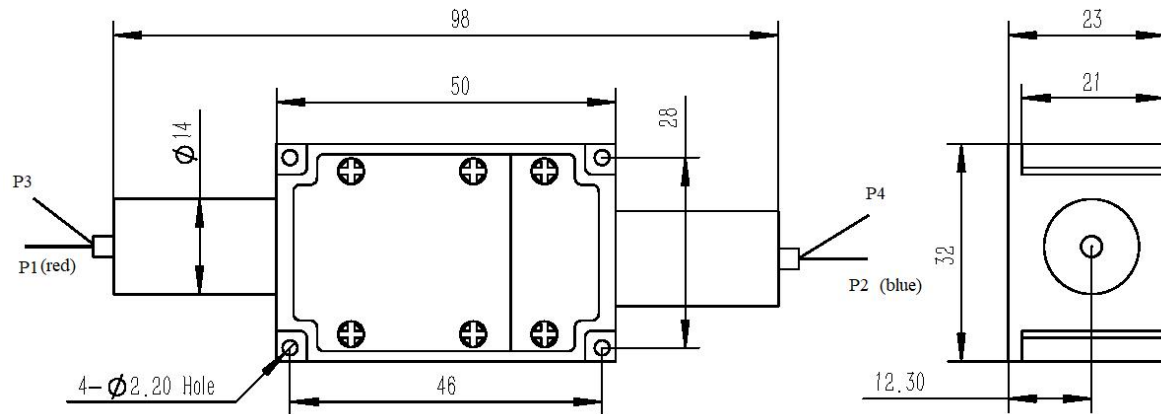
*Smaller sizes can be designed and customized.

*The Above specifications is without connector, the connector handle power ≤0.3W.

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

Mechanical Dimension (Unit: mm)





Ordering Information

P/N:HPPMCIR-X-X-XXXX-X-XXX-X-X-XX*XX-XX

- Fiber length.
- Package size:98*32*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: 1064nm etc.
- F:fast axis blockde. B: both axis working
- 3 Port, 4 Port.
- HPPMCIR, HPPMCIRT