



High Power Polarization Maintaining Circulator (HPMCIR Series)

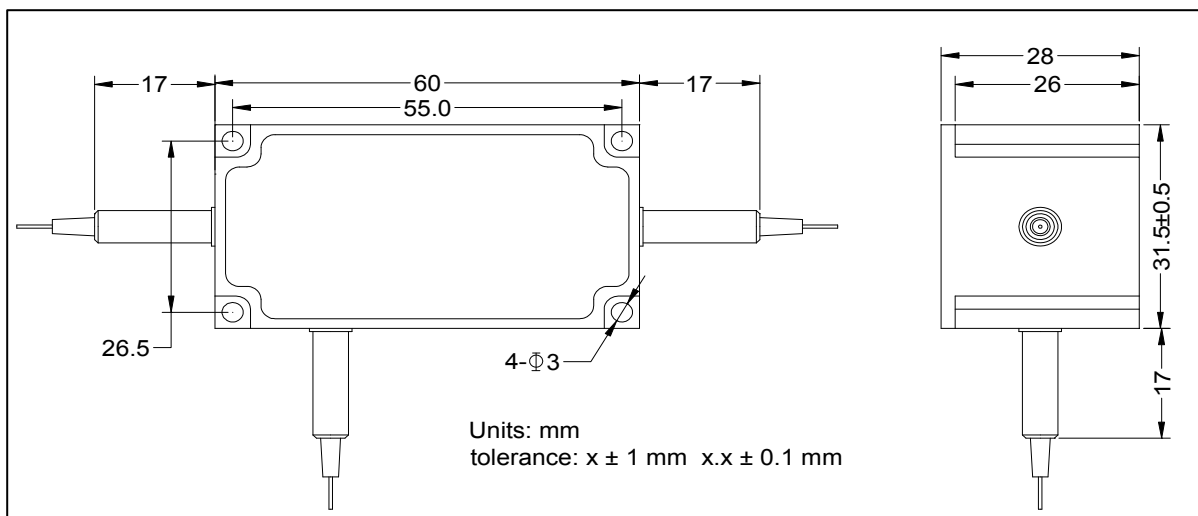
Rev 11

The High Power Polarization Maintaining Circulator is characterized with low insertion loss, high isolation, high power handling, high return loss, high extinction ratio. It is ideal for fiber laser and instrumentation applications.

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
Typ. Peak Isolation	dB	25
Min. Isolation, λ_c , 23 °C	dB	22
Typ. Insertion Loss, 23 °C	dB	1.3
Max. Insertion Loss, 23 °C	dB	1.5
Min. Extinction Ratio	dB	20
Min. Crosstalk	dB	45
Min. Return Loss	dB	45
Max. Average Optical Power	W	10
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type		HI 1060 fiber

Package Dimensions



Ordering Information

HPMCIR-①①-②②-③④-⑤⑥-⑦

①①: Wavelength

06 - 1064 nm

SS - Specify

②②: Handling Power

03 - 3 W

10 - 10 W

SS - Specify

③: Connector Type

N - None

④: Fiber Jacket

B - 250 μ m Panda fiber

L - 900 μ m loose tube

S - Specify

⑤: Fiber Length

Q - 0.75 m

S - Specify

⑥: Working Axis

F - Fast axis blocked

B - Both axis working

⑦: Power Type

P - Pulse Application

C - Continuous Wave