

10W Polarization Maintaining Isolator for Pulse Applications

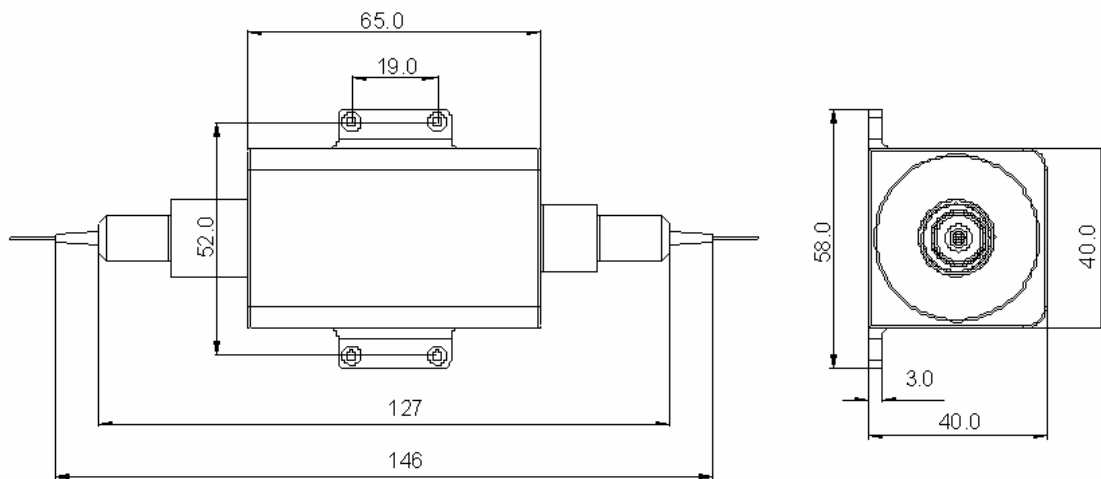
(HPMI Series)

The High Power Polarization Maintaining Isolator is characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

Specifications

Parameters	Unit	Grade P	Grade A
Center Wavelength	nm	1064 or specify	
Min. Extinction Ratio	dB	20	20
Typ. Peak Isolation	dB	35	30
Min. Isolation at 23°C, all polarization states	dB	30	28
Typ. Insertion Loss at 23°C	dB	1.1	1.3
Max. Insertion Loss at 23°C	dB	1.3	1.5
Min. Return Loss (Input/Output)	dB	45/45	40/40
Max. Optical Power (Continuous Wave)	W	10	
Max. Peak Power for ns pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		PM 980 Panda fiber	

Dimensions



Tolerance: $x \pm 1 \text{ mm}$; $x \cdot x \pm 0.2 \text{ mm}$

Ordering Information

HPMI10-①①-②-③-④-⑤-⑥-P	
①①: Wavelength	④: Fiber Type
06 - 1064nm	B - 250µm panda fiber
SS - Specify	D - 400µm panda fiber
	L - 900um loose tube
	S - Specify
②: Grade	⑤: Fiber Length
P - Premium	Q - 0.75 m
A - A grade	S - Specify
③: Connector Type	⑥: Working Axis
N - None	F - Fast axis blocked
	B - Both axis working

Contact Information

For more information about BATi's leadership in photonics devices and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

Phone: 1-781-935-2800

Fax: 1-781-935-2860

E-mail: sales@bostonati.com