

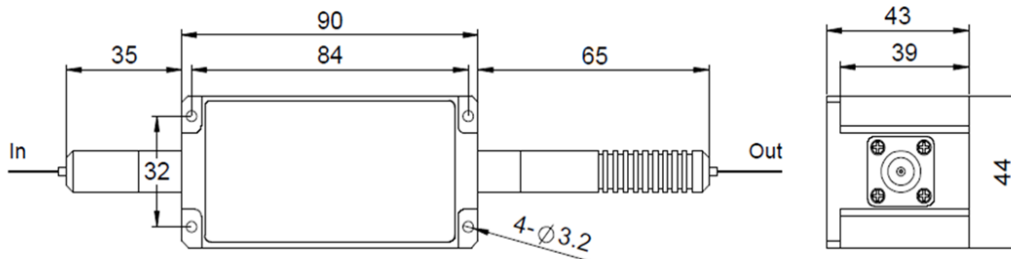
## High Power Polarization Maintaining Isolator (HPMI Series)

### Specifications

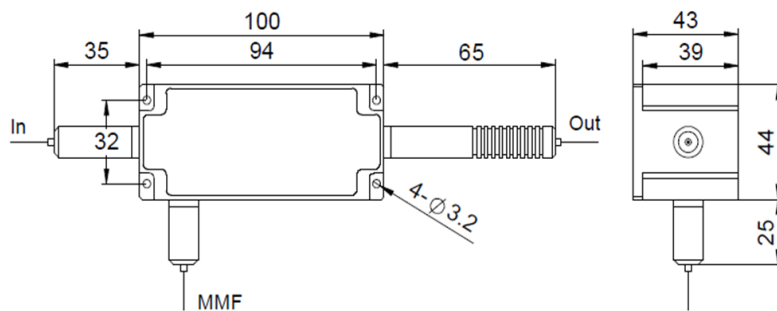
Parameter	Unit	Type A	Type B
Center Wavelength ( $\lambda_c$ )	nm	1064	
Typ. Peak Isolation	dB	35	
Min. Isolation, $\lambda_c$ , 23 °C, all polarization states	dB	28	
Typ. Insertion Loss, 23 °C	dB	0.4	
Max. Insertion Loss, 23 °C	dB	0.6	
Max. Insertion Loss, 23 °C (Output to MMF)	dB	None	0.8
Min. Return Loss (Input/Output)	dB	50/50	
Min. Extinction Ratio	dB	18	
Max. Average Optical Power	W	50	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		Specified by ordering info	
MMF fiber type		None	MMF-105/125 (NA0.22)
Operating Temperature	°C	10 to +50	
Storage Temperature	°C	0 to +60	

MMF Port is to take out the backward power from Output.

### Package Dimensions



Type A



Type B

### Ordering Information

#### HPMI50-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①: Wavelength	06 - 1064 nm, SS - Specify
②: Package Type	A - Type A, B - Type B
③: Handling Power	50 - 50 W, SS - Specify
④: Connector Type	N - None
⑤: Fiber Jacket	B - Bare fiber, L - 900 $\mu$ m loose tube, S - Specify
⑥: Fiber Length	1 - 1.0 m, S - Specify
⑦: Fiber Type	1 - Nufern PLMA-GDF-20/130-M fiber, 2 - Nufern PLMA-GDF-30/250-M, S - Specify
⑧: Working Axis	F - Fast axis blocked
⑨: Power Type	P - Pulse application, C - Continuous wave