

High Power Polarization Maintaining Isolator (HPMI Series)

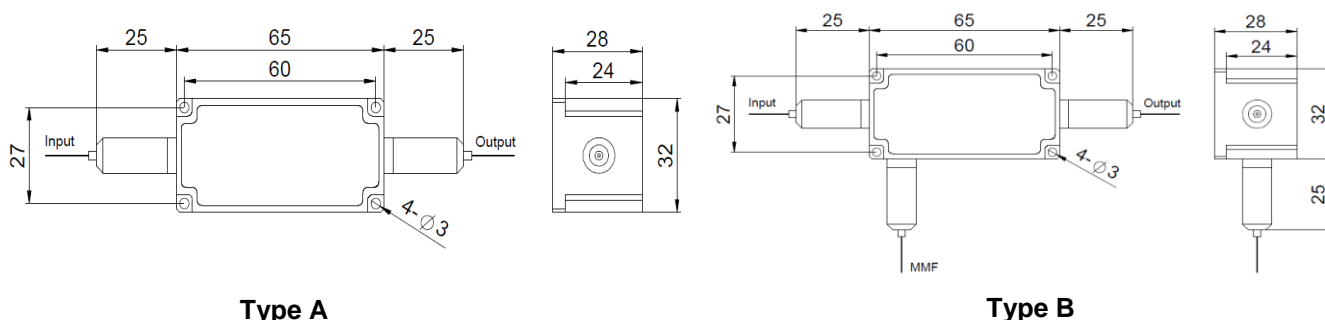
Specifications

Parameter	Unit	Type A	Type B
Center Wavelength (λ_c)	nm	1064	
Typ. Peak Isolation	dB	35	
Min. Isolation, λ_c , 23 °C, all polarization states	dB	28	
Typ. Insertion Loss, 23 °C	dB	0.6	
Max. Insertion Loss, 23 °C	dB	0.8	
Max. Insertion Loss, 23 °C (Output to MMF)	dB	None	0.8
Min. Return Loss (Input/Output)	dB	50/50	
Min. Extinction Ratio	dB	20	
Max. Average Optical Power	W	10 or 20	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		Specified by ordering info	
MMF fiber type		None	Specified by ordering info
Operating Temperature	°C	10 to +50	
Storage Temperature	°C	0 to +60	

IL is 0.3 dB higher, RL is 5 dB lower, ER is 2 dB lower and Optical Power is 1W only for each connector added.

Connector key is aligned to slow axis. MMF Port is to take out the backward power from Output.

Package Dimensions



Type A

Type B

Ordering Information

HPMI-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩

①: Wavelength	06 - 1064 nm, SS - Specify
②: Package Type	A - Type A, B - Type B
③: Handling Power	10 - 10 W, 20 - 20 W, SS - Specify
④: Connector Type	1 - FC/UPC, 2 - FC/APC, N - None, S - Specify
⑤: Fiber Jacket	B - Bare fiber, L - 900 μ m loose tube, S - Specify
⑥: Fiber Length	1 - 1.0 m, S - Specify
⑦: Fiber Type for Input&Output	1 - PM 980 fiber, 2 - FUD-3460 PM10/125 fiber, 3 - PLMA-GDF-10/125-M, S - Specify
⑧: Fiber Type for MMF (for TypeB only)	1 - HI1060 fiber, 2 - MM-105/125 NA0.22 fiber, S - Specify
⑨: Working Axis	F - Fast axis blocked
⑩: Power Type	P - Pulse application, C - Continuous wave