

1064 nm Polarization Maintaining Ultra High Power Isolator

Model #: UHPMI

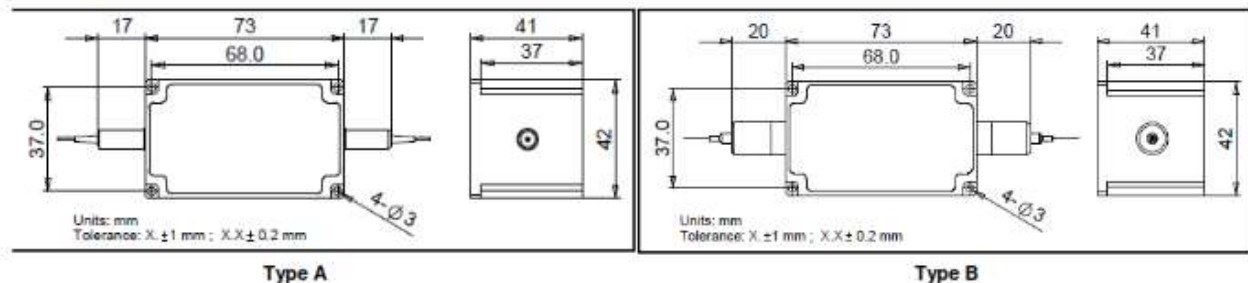
Description: 1064 nm Polarization Maintaining Ultra High Power Isolator

Application: Fiber amplifier, fiber laser.

Specifications:

Parameter	Unit	Specifications	
		A-type	B-type
Central Wavelength	nm	1064	
Operating Wavelength Range	nm	±10	
Typ. Peak Isolation	dB	30	
Min. Isolation (λ_c , 23°C)	dB	25	
Typ. Insertion Loss (λ_c , 23°C)	dB	0.8	
Max. Insertion Loss (λ_c , 23°C)	dB	1.0	
Min. Return Loss (input / output)	dB	45/45	
Min. Polarization Extinction Ratio (23 °C)	dB	20	
Max. Optical Power (CW)	W	10	20
Max. Peak Power for ns Pulses	kW	10	
Max. Tensile Load	N	5	
Dimension	mm	42 (W) x 41 (H) x 113 (L)	42 (W) x 41 (H) x 123 (L)
Fiber Type		PM980 Panda fiber or Nufern FUD-3460	
Operating Temperature	°C	+10 to 50	
Storage Temperature	°C	0 to +60	

Package Dimensions



Ordering Information:

Single Stage: UHPMI-AA-B-CC-D-E-F-G-H-J

AA: wavelength	B: package type	CC: power handling	D: connector type	E: fiber jacket	F: fiber length	G: operating axis	H: fiber type	J: power type
06 - 1064 nm	A – A-type	10: 10 W	N – none	B - 250 μ m Panda fiber	Q- 0.75 m	F – fast axis blocked	1 – PM 980 Panda fiber	P - Pulsed
XX - Other	B – B-type	20 – 20 W		L - 900 μ m loss tube	X - other	B – both axis working	2 - Nufern FUD-3460	C - CW
		XX: other		X - other			X - other	