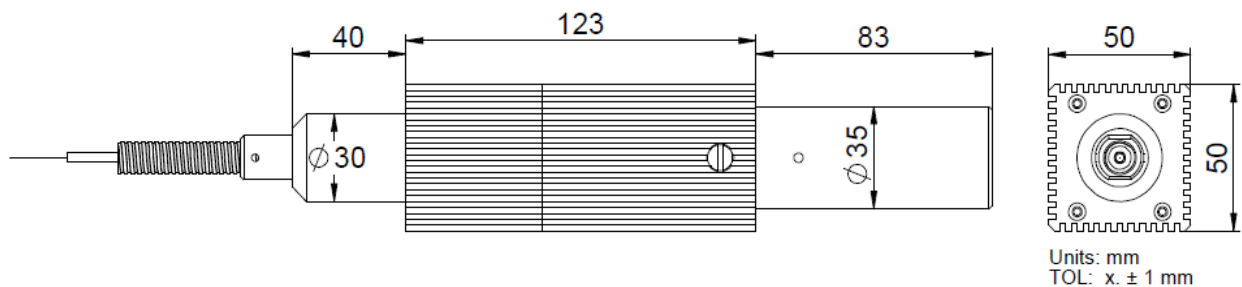


## PM Fiber to Free Space Isolator (HPMFSHI Serirs)

### Specifications

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	1064
Max. Insertion Loss at 23 °C, $\lambda_c$	dB	0.4
Min. Extinction Ratio	dB	20
Typ. Peak Isolation	dB	35
Min. Isolation at 30 °C	dB	28
Min. Isolation at all temperature	dB	20
Min. Return Loss	dB	50
Nominal Output Beam Diameter ( $1/e^2$ )	mm	$3 \pm 0.5$
Beam Circularity	%	> 90
M <sup>2</sup> Degradation	%	< 10
Max. Average Optical Power	W	200
Max. Peak Power for ns pulse	kW	20
Fiber Type		PLMA-GDF-30/250 NA0.06 fiber
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60

### Package Dimensions



### Ordering Information

#### HPMFSHI-①①-②-③-④-⑤-⑥-⑦-⑧

①①: Wavelength	06 - 1064 nm, SS - Specify
②: Handling Power	200 - 200 W, SS - Specify
③: Beam Diameter	3 - $3 \pm 0.5$ mm, S - Specify
④: Jacket Type	6 - 6 mm Armoured cable, B - Bare fiber, S - Specify
⑤: Jacket Length	1 - 1.0 m, 2 - 2.0 m, 3 - 3.0 m, S - Specify
⑥: Fiber Length	2 - 2.0 m, 3 - 3.0 m, 4 - 4.0 m, S - Specify
⑦: Working Axis	F - Fast axis blocked
⑧: Power Type	P - Pulse application, C - Continuous wave