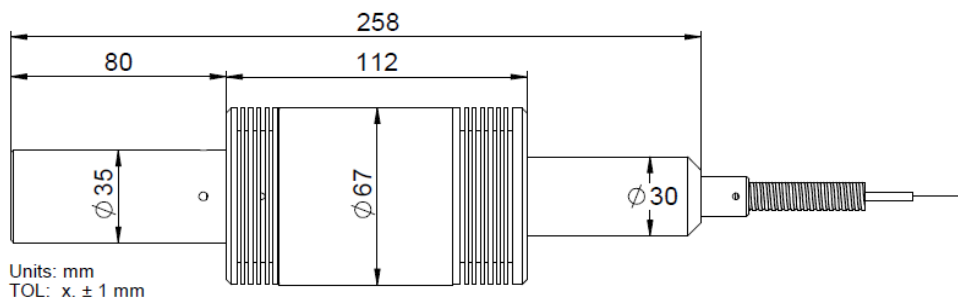


## Fiber to Free Space 250W 1064nm Isolator (FSHI Series)

### Specifications

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	1064
Max. Insertion Loss, 23 °C, $\lambda_c$ @1064 nm	dB	0.4
Max. Insertion Loss, 23 °C @ 650 nm	dB	7
Min. Isolation, 23 °C, $\lambda_c$	dB	30
Min. Return Loss	dB	50
Nominal Output Beam Diameter ( $1/e^2$ )	mm	7.0 $\pm$ 0.5 or Specify
Min. Beam Circularity	%	90
Max. M <sup>2</sup> Degradation	%	10
Max. Average Optical Power	W	250
Max. Peak Power for ns pulse	kW	50
Max. Average Optical Power from Cladding	W	5
Fiber Type (input port)		LMA-GDF-30/250-M fiber or Specify
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60

### Package Dimensions



### Ordering Information

#### FSHI-①-②-③-④-⑤-⑥-⑦-⑧

①: Wavelength	03 - 1030 nm, 06 - 1064 nm, SS - Specify
②: Handling Power	200 - 200 W, 250 - 250 W, SS - Specify
③: Beam Diameter	7 - 7 $\pm$ 0.5 mm, 10 - 10 $\pm$ 0.5 mm, SS - Specify
④: Jacket Type	10 - 10 mm Armoured cable, SS - Specify
⑤: Jacket Length	2 - 2.0 m, 3 - 3.0 m, 4 - 4.0 m, 5 - 5.0 m, S - Specify
⑥: Fiber Length	3 - 3.0 m, 4 - 4.0 m, 5 - 5.0 m, 6 - 6.0 m, S - Specify
⑦: Fiber Type	1 - Nufern LMA-GDF-30/250-M, 2 - GSF-30/250 YZ054, 3 - GDF-30/250 DZ025, 4 - LMA-GDF-25/250, S - Specify
⑧: Power Type	P - Pulse application, C - Continuous wave