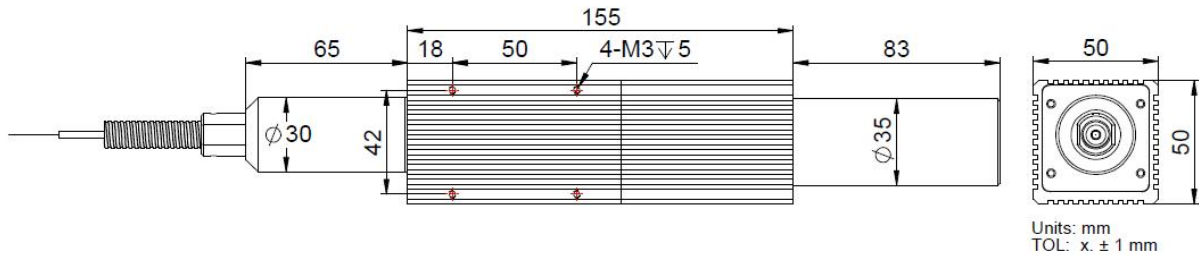


Fiber to Free Space 250W 1064nm Isolator (FSHI Series)

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
Max. Insertion Loss at λ_c , 23°C	dB	0.5
Typ. Peak Isolation	dB	52
Min. Isolation at 30°C	dB	30
Min. Isolation at all temperature	dB	25
Min. Return Loss	dB	50
Nominal Output Beam Diameter ($1/e^2$)	mm	7 ± 0.5 or Specify
Beam Circularity	%	> 90
M^2 Degradation	%	< 10
Max. Average Optical Power	W	250 or Specify
Max. Peak Power for ns pulse	kW	30
Reverse Power Handling	W	3W Continuous 10W (3 min max)
Fiber Type (input port)		Specified by ordering info
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60

Package Dimensions



Ordering Information

FSHI-①①-②-③-④-⑤-⑥-⑦

①①: Wavelength	06 - 1064 nm, SS - Specify
②: Handling Power	250 - 250 W, S - Specify
③: Beam Diameter	7 - 7 ± 0.5 , SS - Specify
④: Jacket Type	6 - 6 mm Armoured cable, 10 - 10 mm Armoured cable, S - Specify
⑤: Jacket Length	2 - 2.0 m, 3 - 3.0 m, 4 - 4.0 m, 5 - 5.0 m, SS - Specify
⑥: Fiber Length	3 - 3.0 m, 4 - 4.0 m, 5 - 5.0 m, 6 - 6.0 m, SS - Specify
⑦: Fiber Type	1 - Coractive SCF-20-250 NA0.11, 2 - LMA-GDF-30/250-M