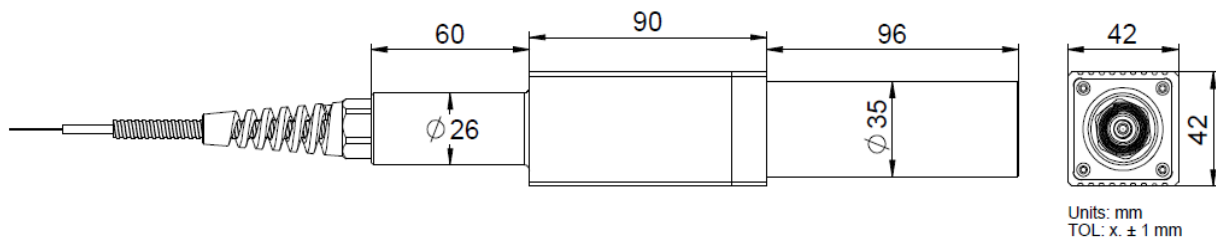


Fiber to Free Space 120W 1064nm Isolator (FSHI Series)

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
Max. Insertion Loss, 23°C, λ_c @1064 nm	dB	0.4
Max. Insertion Loss, 23 °C @ 650 nm	dB	7
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	7 ± 0.5
Min. Beam Circularity	%	90
Max. M^2 Degradation	%	10
Max. Average Optical Power	W	120
Max. Peak Power for ns pulse	kW	30
Reverse Power Handling	W	3W Continuous
Reverse Power Handling	W	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-①-②-③-④-⑤-⑥-⑦

①: Wavelength	06 - 1064 nm, SS - Specify
②: Handling Power	120 - 120 W, SS - Specify
③: Beam Diameter	7 - 7 ± 0.5 mm, SS - Specify
④: Jacket Type	6 - 6 mm Armoured cable, SS - 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 - LMA-GDF-30/250 fiber, SS - Specify