HJ OPTRONICS

4055 Filan Way
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United States

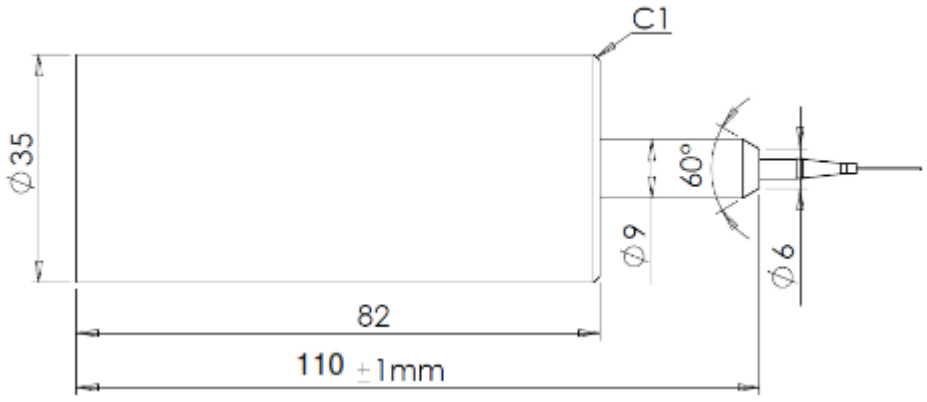
2000 nm High Power Fiber to Free Space Isolator for Pulse Application

Model #: HPFSI
Description: 2000 nm High Power Fiber to Free Space Isolator for Pulse Application
Application: Beam delivery unit, fiber laser, laser machining

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	2000 ± 30
Min. Isolation (λc, 25°C)	dB	35
Max. Insertion Los	dB	0.5
Min. Return Loss	dB	45
Max. Polarization Extinction Ratio (PM only)	dB	20
Max. Optical Power (CW)	W	5
Max. Peak Power for ns Pulses	kW	5
Operating Temperature	°C	10 to +60
Output Termination		Free Space
Output Beam Diameter ($1/e^2$)	mm	~5
Dimension	mm	35 (D) x 110 (L)
Fiber Type (input port)		SMF-28 or PM 1550 Panda Fiber

Package Dimensions



Ordering Information:
Single Stage: HPFSI-AAAA-B-C-D

AAAA: wavelength	B: fiber jacket	C: fiber length	D: PM/non-PM
2000 - 2000 nm	B - 250μm Panda fiber	Q – 0.75 m	1 – non-PM
XXXX - other	L - 900 μm loss tube	X - other	P – PM type
	5 – 5 mm stainless steel soft tube		
	X - other		