



Fiber to Free Space High Power Isolator for Pulse application (HPFSI Series)

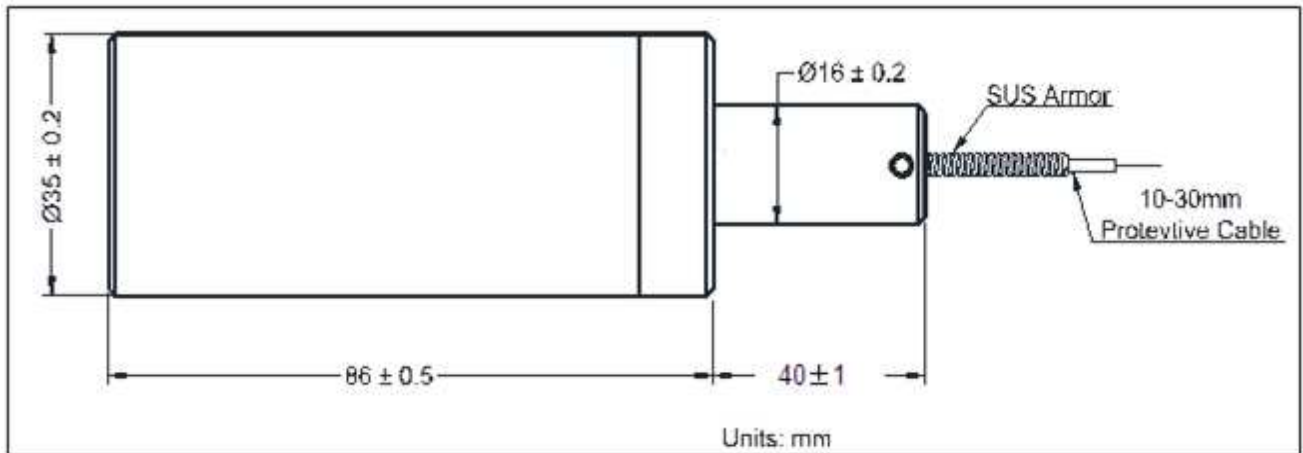
Rev 11

This 2000 nm Fiber to Free Space High Power Isolator is characterized with low insertion loss, high isolation high power handling, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

Specifications

Parameter	Unit	
Center Wavelength (λ_c)	nm	2000
Operating Wavelength Range	nm	$\lambda_c \pm 30$
Output Beam Diameter	mm	4.9 ± 0.5
Extinction Ratio (PM type only, both axes are working)	dB	20
Max. Insertion Loss	dB	0.5
Min. Isolation @ λ_c , 25°C	dB	35
Max. Average Optical Power	W	5
Max. Peak Power for ns pulse	kW	10
Return Loss	dB	45
Fiber Type		SMF-28 or PM 1550 fiber
Operating Temperature Range	°C	10 - 60

Package Dimensions



Ordering Information

HPFSI-①①①①-②-③-④-P

①①①①: Wavelength

2000 - 2000 nm

SSSS - Specify

②: Fiber Jacket

B - 250 μ m bare fiber

L - 900 μ m loose tube

3 - 3 mm Steel wire armored cable

6 - 6 mm Steel wire armored cable

S - Specify

③: Fiber Length

Q - 0.75 m

S - Specify

④: PM/Non-PM

1 - Non-PM type

2 - PM type