



High Power Polarization Insensitive Isolator for Pulse Application (HI Series)

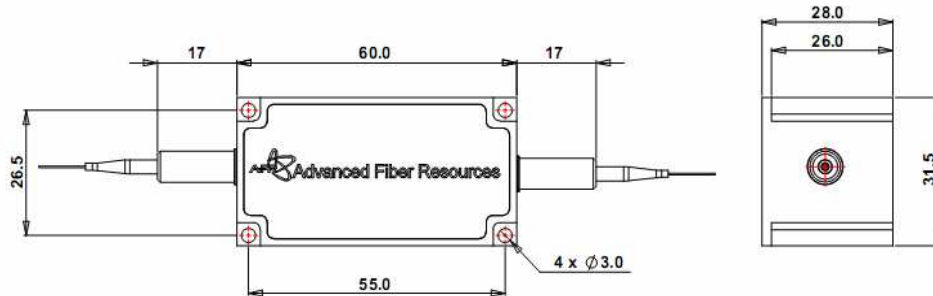
Rev 10 C

The High Power Polarization Insensitive 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	Grade P	Grade A
Center Wavelength (λ_c)	nm	1064 nm or specify	
Max. Polarization Dependent Loss	dB	0.15	0.2
Typ. Peak Isolation	dB	26	24
Min. Isolation, λ_c , 23 °C, all polarization states	dB	23	20
Typ. Insertion Loss, 23 °C		1.3	1.5
Max. Insertion Loss, 23 °C	dB	1.5	1.7
Min. Return Loss (Input/Output)	dB	50/50	45/45
Max. Average Optical Power	W	3	
Max. Peak Power for ns pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		HI 1060 fiber	

Package Dimensions



Tolerance: X \pm 1 mm; X.X \pm 0.5 mm

Ordering Information

HI3-①①-②-③-④-⑤-P

①①: Wavelength

06 - 1064 nm

SS - Specify

②: Grade

P - Premium

A - A grade

③: Connector Type

N - None

④: Fiber Jacket

B - 250 μ m bare fiber

L - 900 μ m loose tube

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify