



1064 nm High Power Polarization Insensitive Isolator for Pulse Application (HI Series)

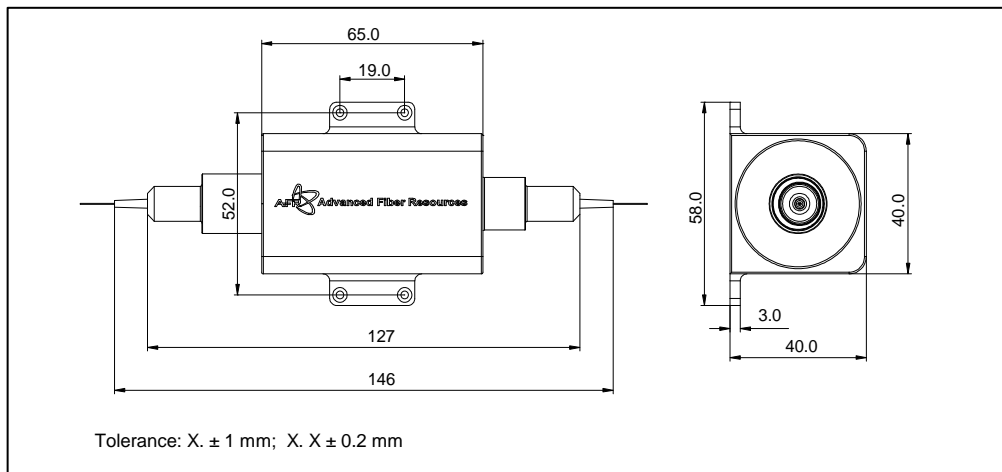
Rev 10

The 1064 nm 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	30	25
Min. Isolation, λ_c , 23 °C, all polarization states	dB	25	20
Typ. Insertion Loss, 23 °C		1.2	1.5
Max. Insertion Loss, 23 °C	dB	1.5	1.7
Min. Return Loss (Input/Output)	dB	45/45	40/40
Max. Average Optical Power	W	20	
Max. Peak Power for ns pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		HI 1060 fiber	

Package Dimensions



Ordering Information

HI20-①①-②-③-④-⑤-P

①①: Wavelength	②: Grade	③: Connector Type	④: Fiber Jacket	⑤: Fiber Length
06 - 1064 nm	P - Premium	N - None	B - 250 μ m bare fiber	1 - 1.0 m
SS - Specify	A - A grade		D - 400 μ m Panda fiber	S - Specify
			L - 900 μ m loose tube	
			S - Specify	