Advanced Fiber Resources (Hong Kong), Ltd.

1064 nm High Power Polarization Maintaining Isolator for Pulse Application (HPMI Series)

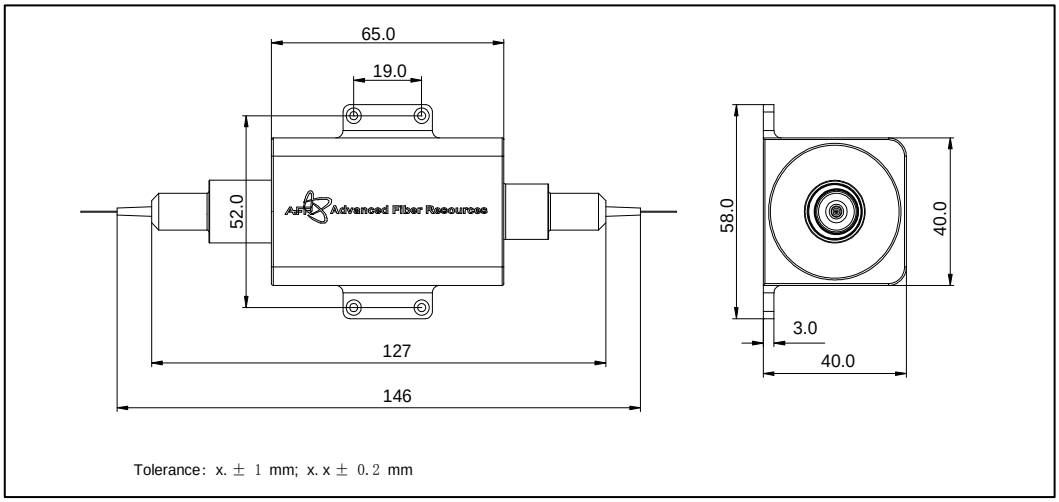
Rev 10

The 1064 nm High Power Polarization Maintaining 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 (λc)	nm	1064 nm or specify	
Min. Extinction Ratio	dB	20	20
Typ. Peak Isolation	dB	35	30
Min. Isolation, λc, 23 ℃, all polarization states	dB	30	25
Typ. Insertion Loss, 23 ℃	dB	1.2	1.5
Max. Insertion Loss, 23 ℃	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		PM 980 Panda fiber	

Package Dimensions



Ordering Information

HPMI20-①①-②-③-④-⑤-⑥-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 μm Panda fiber
D - 400 μm Panda fiber
L - 900 μm loose tube
S - Specify

⑤: Fiber Length
Q - 0.75 m
S - Specify

⑥: Working Axis
F - Fast axis blocked
B - Both axes working