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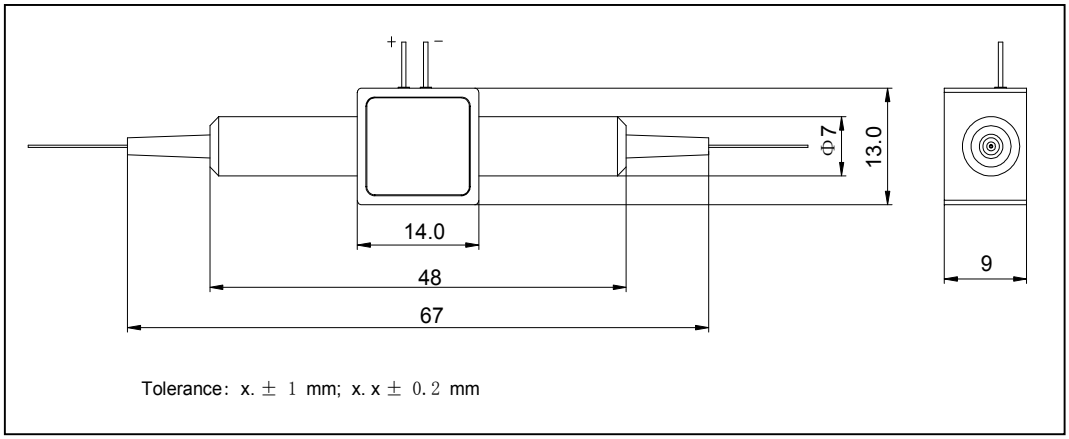
1064 nm High Power Polarization Maintaining Isolator for Pulse Application (DL-HPMI1-UU-V-W-X-Y-Z-P)

The 1064 nm High Power Polarization Maintaining Isolator has 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.

A. Specifications

Parameter	Grade P	Grade A	Unit
Center Wavelength (λ c)	1064 nm or specify		nm
Min. Extinction Ratio	20	20	dB
Typ. Peak Isolation	35	33	dB
Min. Isolation, λc, 23 ℃, all polarization states	30	28	dB
Max. Insertion Loss, 23 ℃	1.6	1.9	dB
Min. Return Loss (Input/Output)	50/50	45/45	dB
Max. Average Optical Power	1		W
Max. Peak Power for ns pulse	10		kW
Operating Temperature	0 to +50		℃
Storage Temperature	-20 to +75		℃

B. Package Dimensions



C. Ordering Information

DL-HPMI1-UU-V-W-X-Y-Z-P

UU: Wavelength
06 - 1064 nm
SS - Specify

V: Grade
P - Premium
A - A grade

W: Connector Type
N - None

X: Fiber Type (PM 980 Panda fiber)
B - 250 μm Panda fiber
L - 900 μm loose tube
S - Specify

Y: Fiber Length
Q - 0.75 m
S - Specify

Z: Working Axis
F - Fast axis blocked