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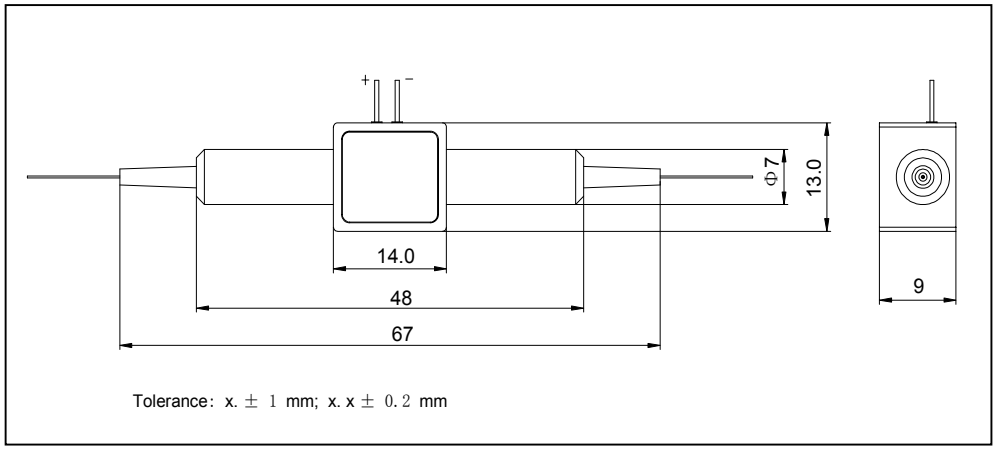
1064 nm High Power Polarization Insensitive Isolator (DL-HI500-VV-W-X-Y-Z)

The 1064 nm High Power Polarization Insensitive 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
Max. Polarization Dependent Loss	0.1	0.15	dB
Typ. Peak Isolation	35	33	dB
Min. Isolation, λc, 23 ℃, all polarization states	30	28	dB
Max. Insertion Loss, 23 ℃	1.5	1.8	dB
Min. Return Loss (Input/Output)	50/50	45/45	dB
Max. Optical Power (Continuous Wave)	500		mW
Operating Temperature	0 to +50		℃
Storage Temperature	-20 to +75		℃

B. Package Dimensions



C. Ordering Information

DL-HI500-VV-W-X-Y-Z

VV: Wavelength
06 - 1064 nm
SS - Specify

W: Grade
P - Premium
A - A grade

X: Connector Type
N - None

Y: Fiber Type (HI 1060 fiber)
B - 250 μm bare fiber
L - 900 μm loose tube
S - Specify

Z: Fiber Length
1 - 1.0 m
S - Specify