

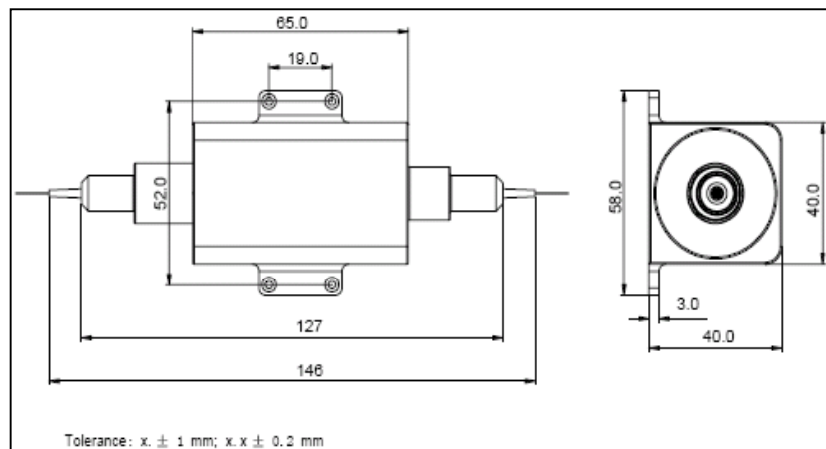
1064 nm High Power Polarization Maintaining Isolator for Pulse Application (DL-HPMI10-UU-V-W-X-Y-Z-P)

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	30	dB
Min. Isolation, λ_c , 23 °C, all polarization states	30	28	dB
Max. Insertion Loss, 23 °C	1.3	1.5	dB
Min. Return Loss (Input/Output)	45/45	40/40	dB
Max. Average Optical Power	10		W
Max. Peak Power for ns pulse	10		kW

B. Package Dimensions



C. Ordering Information

DL-HPMI10-UU-V-W-X-Y-Z-P

UU: Wavelength	V: Grade	W: Connector Type	X: Fiber Type (PM 980 Panda fiber)
06 - 1064 nm	P - Premium	N - None	B - 250 μ m Panda fiber
SS - Specify	A - A grade		D - 400 μ m Panda fiber
			L - 900 μ m loose tube
			S - Specify
			Y: Fiber Length
			Q - 0.75 m
			S - Specify
			Z: Working Axis
			F - Fast axis blocked
			B - Both axes working