

1064 nm In-line Polarizer (DL-ILP-VV-W-X-Y-Z)

The 1064 nm In-line Polarizer is used to pass light with one specific polarization while blocking the other polarization. It is able to convert non-polarized light into polarized light with high extinction ratio as well as enhancing the extinction ratio of signals with its excellent polarization properties. It is suitable for high speed communication systems and test instrumentations where high polarization extinction ratio is required.

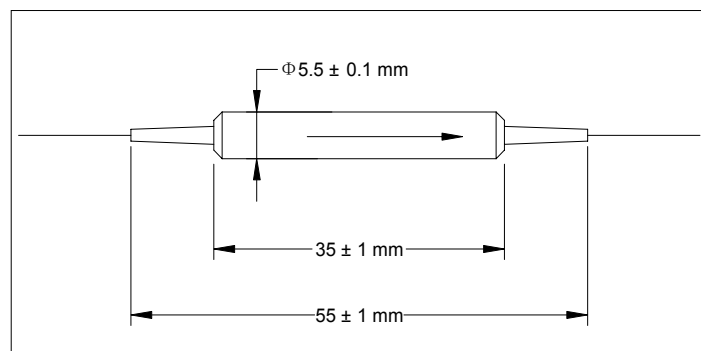
A. Specifications

Parameter	Value	Unit
Center Wavelength (λ_c)	1064	nm
Operating Wavelength Range	$\lambda_c \pm 30$	nm
Max. Insertion Loss, 23 °C	0.6	dB
Min. Extinction Ratio, 23 °C	28	dB
Max. Optical Power (Continuous Wave)	300	mW
Min. Return Loss	50	dB
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added.

Connector key is aligned to slow axis.

B. Package Dimensions



C. Ordering Information

DL-ILP-VV-W-X-Y-Z

VV: Wavelength	W: Connector Type	X: Fiber Type	Y: Fiber Type (Input/Output)	Z: Fiber Length
06 - 1064 nm	1 - FC/UPC	B - 250 μ m Panda fiber	1 - PM/PM	Q - 0.75 m
SS - Specify	2 - FC/APC	L - 900 μ m loose tube	2 - SMF/PM	S - Specify
	3 - SC/UPC	S - Specify	3 - SMF/SMF	
	4 - SC/APC			
	N - None			