

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.

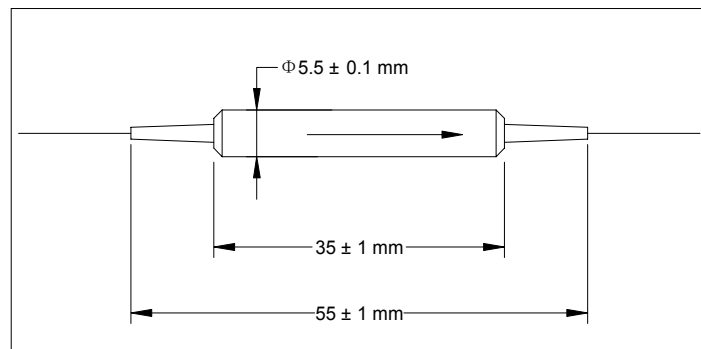
A. Specifications

| 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 | | | |