

1064nm 1W $\pi/2$ Polarization Maintaining Phase Shifter

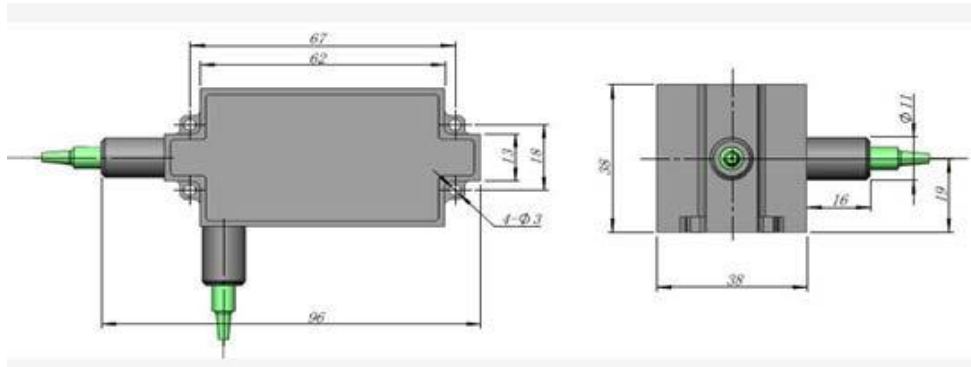
Part No.: **PMPS-1064-1W - $\pi/2$ -PM980-0.8-0-N-F**

◆ Specification:

| Parameter | Unit | Values |
|-------------------------------|--------------------|------------------------------------|
| Center Wavelength λ_c | nm | 1064 |
| Operating Wavelength Range | nm | ± 10 |
| Max. Insertion Loss@1064nm | dB | ≤ 1.0 |
| Optical Phase Delay | / | $\pi/2$ |
| Min. Extinction Ratio | dB | 22 |
| Min Return Loss | dB | 55 |
| Fiber Type | / | PM980 |
| Max. Optical Power | W | 1 |
| Peak Power for ns Pulse | kW | 10 |
| Max. Tensile Load | N | 5 |
| Fiber Length | m | ≥ 0.8 |
| Work Axis | / | Slow Axis Working, Fast Axis Block |
| Operating Temperature | $^{\circ}\text{C}$ | -5 to +70 |
| Storage Temperature | $^{\circ}\text{C}$ | -40 to +85 |

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

◆ Package Dimension:



◆ Ordering Information

PMPS-①-②-③-④-⑤-⑥-⑦-⑧

| ①Signal Wavelength | ②Phase delay | ③Fiber Type | ④Fiber Length | ⑤Fiber Jacket | ⑥Connector | ⑦Power Type | ⑧Working Axis |
|--------------------|-----------------|---------------|---------------|--------------------------------|------------|--------------|---------------------|
| 980-980nm | $\pi/2 - \pi/2$ | PM1550-PM1550 | 0.8-0.8M | 0-Bare Fiber | N-None | C-Continuous | F-Fast Axis Block |
| 1064-1064nm | S-Specify | PM980-PM980 | 1-1M | 1-900 μm Loose Tube | FU-FC/PC | P-Pulse | B-Both Axis Working |
| 1550-1550nm | | S-Specify | S-Specify | S-Specify | FA-FC/APC | S-Specify | |
| S-Specify | | | | | S-Specify | | |