

# High Power PM Fiber Nonreciprocal $\pi/2$ Fixed Phase Shifter

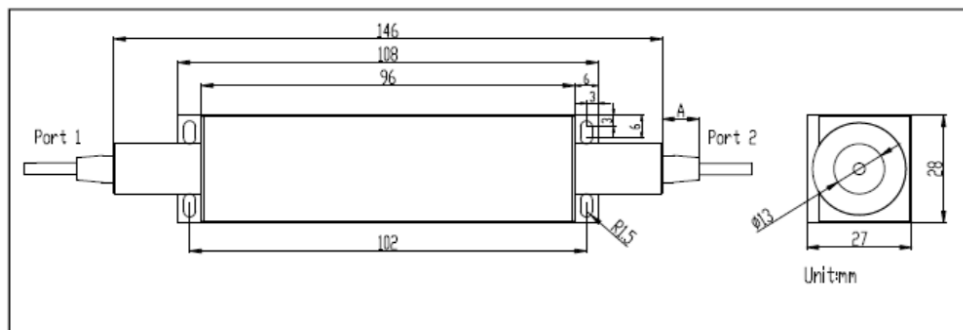
## Specifications

| Parameters                                                                                                                               | Unit | Values              |
|------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|
| Center Wavelength                                                                                                                        | nm   | 920                 |
| Operating Wavelength Range                                                                                                               | nm   | $\pm 5$             |
| Insertion Loss at 23°C, $\lambda_c$                                                                                                      | dB   | $\leq 0.6$          |
| Insertion Loss at 23°C                                                                                                                   | dB   | $\leq 0.8$          |
| Extinction Ratio                                                                                                                         | dB   | $\geq 20$           |
| Return Loss (Port1/Port2)                                                                                                                | dB   | $\geq 50/50$        |
| Tensile Load                                                                                                                             | N    | 5                   |
| Average Power @ Proper SOP                                                                                                               | W    | 2                   |
| Peak Power for ns pulse                                                                                                                  | kW   | 10                  |
| Nominal Phase Difference<br>(Between slow axis of port 1 to slow axis of port 2<br>& between slow axis of port 2 to slow axis of port 1) |      | $\pi/2$             |
| Fiber Type                                                                                                                               |      | PM980; PM850, PM780 |
| Operating Temperature                                                                                                                    | °C   | -5 ~ +50            |
| Storage Temperature                                                                                                                      | °C   | -20 ~ +75           |
| Dimensions                                                                                                                               | mm   | 108x28x27           |

\*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB, CW power will be 1W.

\*The default connector key is aligned to slow axis.

## Package Dimensions



## Ordering Information

PMFS- ①①①-②-③③③-④④④-⑤⑤⑤⑤⑤⑤⑤-⑥-⑦⑦-⑧⑧

|   |                |                                                                    |
|---|----------------|--------------------------------------------------------------------|
| ① | Wavelength     | 920;                                                               |
| ② | Axis Alignment | F=Fast Axis Blocked;                                               |
| ③ | Phase Delay    | $\pi/2$ ;                                                          |
| ④ | Pigtail Type   | 250=250 $\mu$ m Fiber; 900=900 $\mu$ m Loose Tube; 3000=3mm Cable; |
| ⑤ | Fiber Type     | PM980; PM850; PM780;                                               |
| ⑥ | Length         | 1=1m;                                                              |
| ⑦ | Connector      | NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;     |
| ⑧ | Power Handling | 2W;                                                                |