

## 1550nm 500mW Polarization Maintaining Phase Shifter

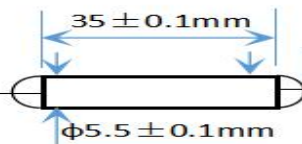
Part No.: PMPS-1550-PM1550-0.8-0-N-F-Q

### ◆ Specification:

Parameter	Unit	Values
Center Wavelength $\lambda_c$	nm	1550
Operating Wavelength Range	nm	$\pm 20$
Faraday Rotation Angle (Single Pass)	degree	45
Max. Rotation Angle Tolerance, $\lambda_c$ , 23 °C	degree	$\pm 2$
Typ. Insertion Loss@23 °C	dB	$\leq 0.8$
Optical Phase Delay	/	$\pi/2$ or $\pi$
Min. Extinction Ratio	dB	22
Fiber Type	/	PM1550
Max. Optical Power	mW	500
Max. Tensile Load	N	5
Fiber Length	m	$\geq 0.8$
Work Axis	/	Slow Axis Working, Fast Axis Block
Package Size	mm	$\varnothing 5.5 * 35$ (Steel Tube)
Operating Temperature	°C	-0 to +70
Storage Temperature	°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 $\mu$ m 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		