

## Introduction



CSRayzer's **Polarization Maintaining Phase Shifter (PMPS)** series product, is micro optics component with low insertion loss, high isolation, high return loss, high extinction ratio and excellent environmental stability and reliability. It is widely used for optical amplifier, fiber lasers and test instrument applications.



## Specification

Parameters	Unit	Values	
Center Wavelength	nm	1030	1550
Operating Wavelength Range	nm	± 10	± 50
Max. Insertion Loss	dB	1.0	0.8
@25℃ Min. Extinction Ratio	dB	20	23
Phase Delay		± $\pi/2$	
Min. Return Loss	dB	55	50
Optical Power	-	300mW / 2W	500mW
Peak Power	kW	10	
Max. Tensile Load	N	5	
Fiber Type	-	PM980	PM 1550
Working Temperature	℃	-5 to 70	
Storage Temperature	℃	-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.

\*Above specifications are for device without connector and may change without notice.

## Ordering Information

**PMPS** ①-②-③-④-⑤-⑥-⑦-⑧-⑨

① Center Wavelength	② Phase Delay	③ Package Dimension	④ Fiber Type	⑤ Fiber Length	⑥ Fiber Jacket	⑦ Connector	⑧ Working Axis	⑨ Power Type
1064-1064nm	$\pi/2$	C1-5.5*35mm	PM980-PM980	0.8-0.8M	0-Bare Fiber	N-None	F-Fast Axis Blocked	C-Continuous
1550-1550nm		C2-96*54*38mm	PM1550-PM1550	1-1M	1-900 $\mu$ m Loose Tube	FU-FC/PC		P-Pulse
S-Specify		C3-66*44*28mm	S-Specify	S-Specify	2-2mm Cable	FA-FC/APC		
					3-3mm Cable	S-Specify		