

## Introduction



Rayzer's **Polarization Maintaining Phase Shifter (PMPS)** series product, is micro optics device with low insertion loss, high isolation, high return loss, high extinction ratio and excellent environmental stability and reliability. It is ideal for amplifiers, 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
Handing Power	W	2	
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**

①Central Wavelength	②Package Dimension	③Fiber Type	④Fiber Length	⑤Fiber Jacket	⑥Connector	⑦Working Axis
1064-1064nm	5.5x35	PM980-PM980	1-1M	0-Bare Fiber	FU-FC/PC	F-Fast Axis Blocked
1550-1550nm	S-Specify	PM1550-PM1550	S-Specify	1-900μm Loose Tube	FA-FC/APC	B-Both Axis Working
S-Specify		S-Specify		2-2mm Cable	S-specify	