1310nm PM In-line Phase Shifter

1310nm PM In-line Phase Shifter is built with 45 degree Faraday Rotator and Wave Plate, which can generate a fixed phase difference in the input polarized light, it's widely used in Fiber Laser, Fober Optic Sensor Optical Imaging field, it features low insertion loss, high extinction ratio, the high power type is available upon request.

Application:

Fiber Laser
Fiber Optic Sensor
Optical Imaging
Lab And Research

Features:

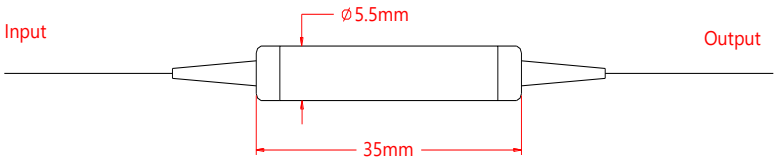
Low Insertion Loss
High Extinction Ratio
High Power
High Realibility

Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1310	nm
Bandwidth	BW	10	nm
Max. Insertion Loss	IL	1.0	dB
Min. Extinction Ratio	ER	20	dB
Optical Phase Shifter		π/2	
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500 or specify	mW
Max. Tensil Load		5	N
Fiber Type		PM 1310 Panda fiber	-
Operating Temperature	T	-5~70	℃
Storage Temperature	T	-40~85	℃
Package Dimension		Φ5.5xL35	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23℃.
For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

PMPS-WWWW-SS-J-LL-CC

WWWW	SS	J	LL	CC
Wavelength	**Phase Shift**	**Fiber Jacket**	**Fiber Length**	**Connector**
1310 - 1310nm SSSS - Specify	P2 - π/2 SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify