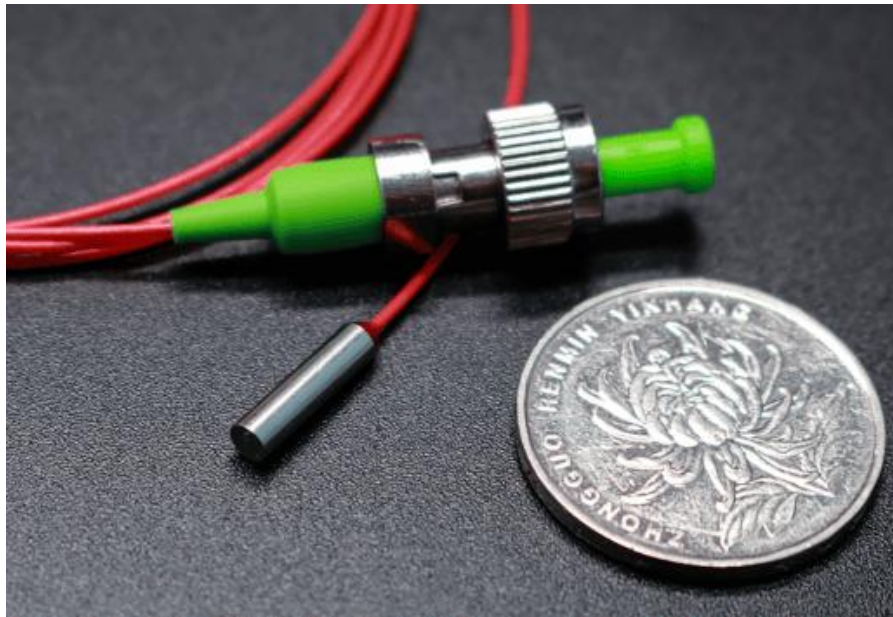


## 1030nm Faraday rotator 90deg



- **Product Description**

The fiber Faraday rotator is used to change the polarization state of the input light, so that the direction of the polarized light after passing through the Faraday rotator and the reflector rotates 90 degrees. It is perpendicular to the input polarized light and has the opposite polarization direction. The fiber Faraday rotator adopts a micro-optical structure inside, which is suitable for various optical fibers, and the input and output optical fibers can have different choices.



- **Product features**

1030nm working wavelength, other wavelengths are optional、 Low insertion loss、 Rotation angle 90deg

- **Part Number**

MP-FRM-1030-90-SA

- **Application area**

Interference sensor、 Fiber amplifier、 Fiber circulator、 Adjustable fiber laser

- **Core parameters**

Center Wavelength	Bandwidth	Max. Optical Power
1030nm	$\pm 15$ nm	500mW

## ● General Parameters

### Parameters

Parameter	Indication
Central wavelength	1030nm
Bandwidth	±15nm
Insertion loss	≤0.5dB
Polarization dependent loss PDL	≤0.05dB
Maximum optical power	500mw
Rotation angle	90deg
Dimensional information	Φ4.5XL25
Operating temperature	-5 ~ +70°C
Storage temperature	-40 ~ +85°C
Tensile load	≤5N
Connector type	FC/APC
Fiber type	HI1060
Fiber length	1m