

Faraday mirror

Single-pole device designed to rotate the light radiation's plane of polarization by 90 degrees. The device is based on fiber collimator, mirror and Faraday rotator.

KEY FEATURES:

- Vibration resistance
- Thermal resistance
- No fiber welding

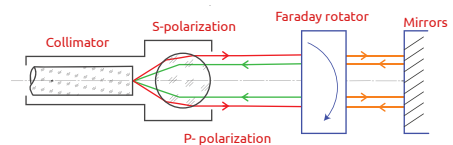
APPLICATION:

- Interferential fiber sensors

DIMENSIONS



The photo shows a sample of Faraday mirror



Faraday mirror operation scheme

SPECIFICATION:

Operation wavelength, nm	1290-1310; 1540-1560
Insertion loss, dB	0.6
Min. isolation, dB	50
Rotation angle of the plane of polarization of light radiation, degree	90±1
Polarization sensitivity, dB	0.1
Dimensions, mm	-60...+60
Operating temperature, °C	Ø9x40