

# V.TORCH

## FRM

### Description:

Faraday Mirror is a passive device that enables the polarization of the input light rotate 90 degree. It is built by the proven thin-film filter technology and the collimator technology. It has excellent performances such as low insertion loss and high environmental stability..

### Features:



- 1.Compact size
- 2.Low insertion loss

### Application:

- 1.EDFA
- 2.DWDM system
- 3.Fiber Sensors
- 4.CATV system

### Performance:

Parameter	Values
Operating wavelength(nm)	1310 or 1550
Operating bandwidth(nm)	±15
Insertion loss(dB)	≤0.6
Max rotation angle tolerance@CWL,23°C (degree)	90±2
PDL(dB)	≤0.05
PMD(ps)	≤0.05
Max Power handling(Mw)	500
Operating temperature(°C)	-5~+70
Storage temperature(°C)	-40~+85
Fiber type	SMF-28e
Package dimensions(mm)	Φ3.5×L17

Box Size:  $\Phi 3.5 \pm 0.5\text{mm}$

