

1064nm Faraday Rotator Mirror

Product Features

- High Environmental Stability
- Low Insertion Loss
- High Return Loss

Product Applications

- Interferometers
- Test Instrumentations
- Fiber Sensors
- Research



Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
Working wavelength range	nm	± 5
Faraday rotation angle	degree	$90 \pm 1, 180 \pm 2$
Insertion Loss (Reflection rate)	dB	≤ 3
Polarization Dependent Loss (PDL)	dB	≤ 0.05
Polarization Mode Dispersion (PMD)	ps	≤ 0.1
Directivity	dB	≥ 50
Return Loss	dB	≥ 50
Power handling (CW)	mW	≤ 200
Tensile Load	N	≤ 5
Fiber type	-	HI1060
Package size	mm	$\Phi 5.5 \times L35$
Operating Temperature	$^{\circ}\text{C}$	-5 to +70
Storage Temperature	$^{\circ}\text{C}$	-40 to +85

* Above specifications are for devices without connectors

Ordering Information

FRM	Wavelength	Pigtail Type	Fiber Length	Connector
	1060nm Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify