

780~1090nm Faraday Rotator Mirror (TGG-Based)

Features

Low Insertion Loss
High Return Loss & Reliability
Environmental Stability

Applications

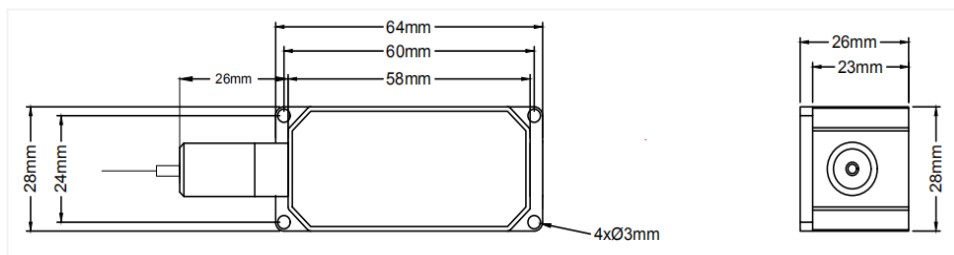
Fiber Instruments
Fiber Laser
Coherent Detecting



Specifications

Parameters	Unit	Values
Operating Wavelength	nm	780, 930, 980, 1030, 1064, 1070, 1080, 1090
Operating Bandwidth	nm	±5
Insertion Loss at 23 °C	dB	≤1.0
Faraday Rotation Angle for CWL	deg	45
Rotation Angle Tolerance at 23 °C for CWL	deg	±3
PDL (for SM Fiber)	dB	≤0.15
PER (for PM Fiber)	dB	≥20
Axis Alignment (for PM Type)	---	Both axis working
Polarization Mode Dispersion	ps	≤0.05
Power Handling CW	W	0.5, 1, 3, 5, 10, 20 or Specify
Peak Power for ns Pulse	kW	10 or Specify
Fiber Type		HI780, HI1060, PM850, PM980 or Specify
Fiber length	m	1
Operating Temperature	°C	-5 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	64x28x26

Package Dimensions



Ordering Information

FM- ①①①-②②②-③③③-④-⑤⑤-⑥⑥⑥⑥⑥⑥⑥⑥

①	Wavelength	780; 930; 980; 1030; 1064; 1070; 1080; 1090;
②	Pigtail Type	250=250µm Fiber; 900=900µm Loose Tube;
③	Fiber Type	P98=PM980; P85=PM850; 7=HI780; 4=HI1060;
④	Fiber Length	1=1m;
⑤	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑥	Package Size	64x28x26;