

460-690nm Faraday Mirror

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- Low Polarization Sensitivity
- Low Profile Packaging

APPLICATIONS

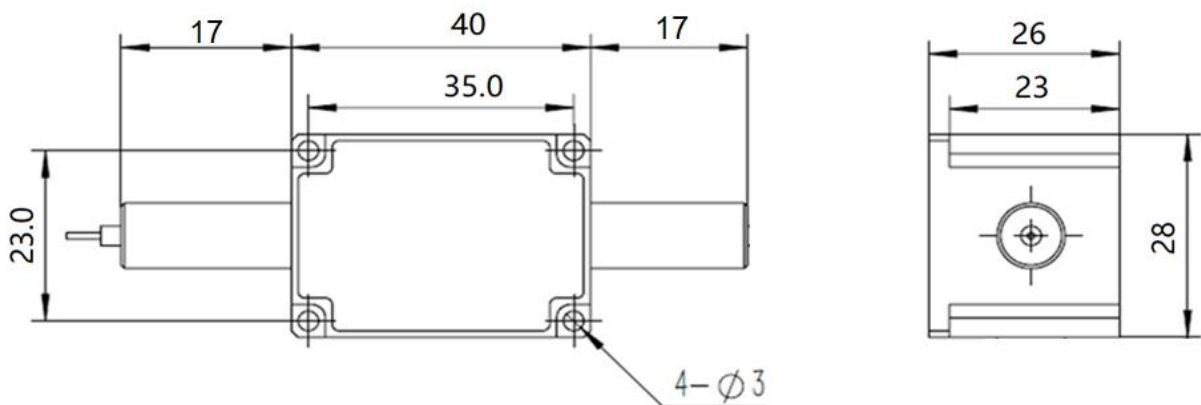
- Fiber Optic Amplifiers
- Sensing Systems
- Telecommunication Networks
- CATV Networks
- LAN Systems

SPECIFICATIONS

Parameter	Unit	Value		
Center Wavelength	nm	488, 532	635, 650, 660, 690	
Bandwidth	nm	+/-5		
Insertion Loss (Max.)	dB	2.2		
Faraday Rotation Angle (Single Pass)	Deg	45, 90		
Rotation Angle Tolerance (23°C)	Deg	+/-3		
PDL (for SM Fiber Type)	dB	≤0.2		
Extinction Ratio (for PM Fiber Type)	dB	≥18		
Fiber Type	SM Fiber Type	-	460-HP Fiber	630-HP Fiber
	PM Fiber Type	-	PM460-HP Fiber	PM630-HP Fiber
Fiber Tensile Load	N	5		
Maximum Optical Power (CW)	mW	15		
Operating Temperature	°C	0~50		
Storage Temperature	°C	-10~65		

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.9dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available;

DIMENSION DRAWING



ORDERING INFORMATION (PN)

FFDM-	NNN	-	(NN)	-	C	C	NN	-	CC/CCC
	<i>Center Wavelength</i>		<i>Rotation Angle</i>		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
	488-488nm		90- 90degree		P= PM Fiber	B= Bare Fiber	05=0.5m		N=Without Connector
	532-532nm		Blank for 45degree		S=SM Fiber	L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
	630-630nm					2= 2mm Cable	15=1.5m		LC/PC=LC/PC Connector
	650-650nm					3= 3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector