

## 780nm Faraday Mirror(1W)

### Features

Low insertion loss  
 Environmental stability  
 High power&High extinction ratio

### Application

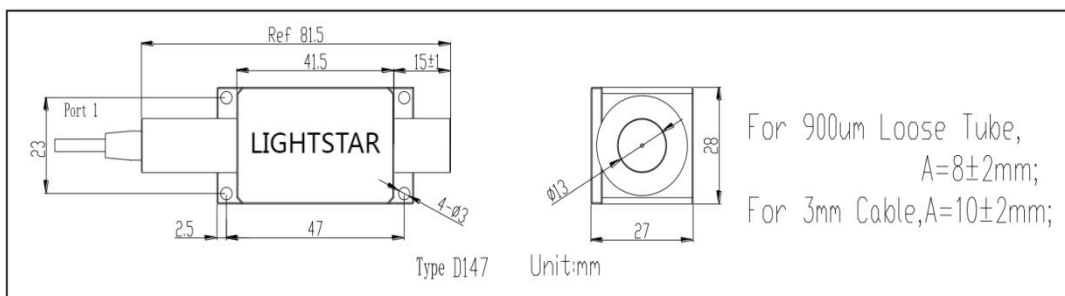
Optical fiber sensing  
 Fiber laser  
 Optical fiber amplifier

### Specifications

Parameter	Unit	Value
Central wavelength( $\lambda_c$ )	nm	780
Bandwidth	nm	$\pm 5$
Typical insertion loss	dB	0.6
Maximum insertion loss $23^\circ\text{C}$ , $\lambda_c$	dB	1.0
Maximum polarization dependent loss $23^\circ\text{C}$	dB	0.2
Faraday rotation angle(Double Pass)	deg	90
Maximum rotation angle tolerance $23^\circ\text{C}$ , $\lambda_c$	deg	$\pm 5$
Power(CW)	W	1 or Specify
Maximum tensile load	N	5
Fiber type	-	Nufern 780-HP Fiber
Operating temperature	$^\circ\text{C}$	-5 to +50
Storage temperature	$^\circ\text{C}$	-20 to +75

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

### Package dimensions



### Ordering information

HPFM-①①①①-②②-③-④-⑤

①①①①:Wavelength  
 0780=780nm

②②:Power  
 01=1W  
 SS=Specify

③:Length  
 H=0.5m  
 I= 1.0m  
 S=Specify

④:Connector  
 0=None  
 1=FC/UPC  
 2=FC/APC  
 S=Specify

⑤:Pigtail type  
 1=250um bare fiber  
 2=900um loose tube  
 S=Specify