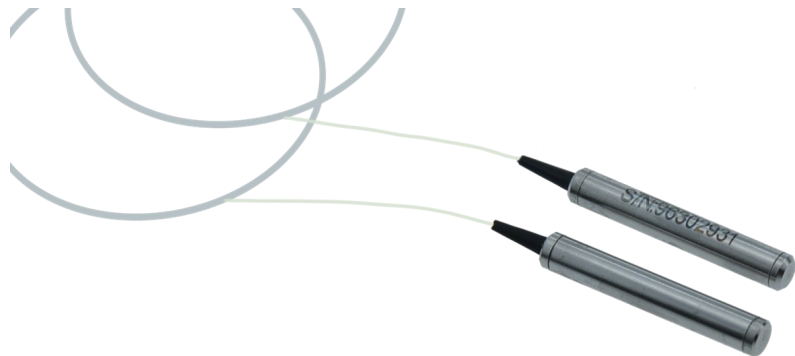
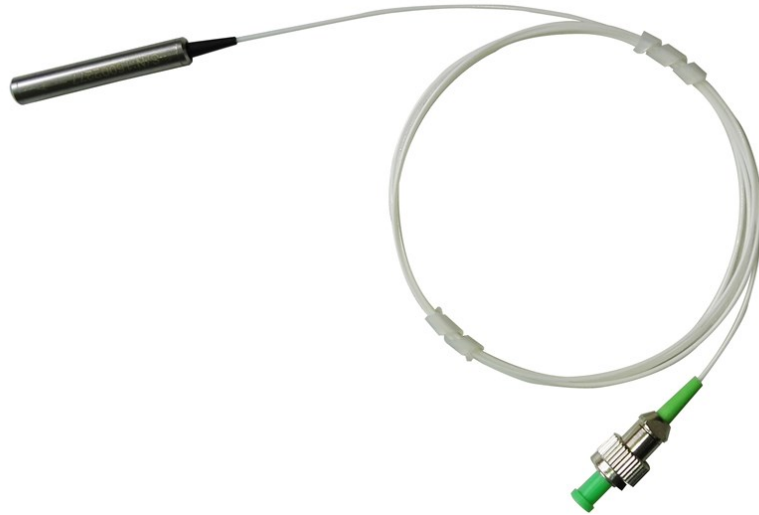


## 2000nm Fiber Mirror Reflector

### Key Features

- Low Insertion Loss
- Low Polarization Sensitivity
- Optical Path Epoxy Free

DK Photonics' Fiber Mirror Reflector are designed to reflect light input through mirror backward through the fiber. Our Fiber Mirror Reflector are available with single mode (SM), polarization-maintaining (PM), or multimode (MM) fiber. They can be used to create a fiber interferometer or to build a low-power fiber laser. These Fiber Mirror Reflector are ideal for determining back reflection specifications for transmitters, amplifiers, and other devices.



### Applications

- Fiber optic Amplifiers
- Fiber optic Testing Systems
- Telecommunications

## For more Info

### Please contact us at:

Tel: +86-755-23736280

Fax: +86-755-26746512

E-mail: [sales@dkphotonics.com](mailto:sales@dkphotonics.com)

<https://www.dkphotonics.com>

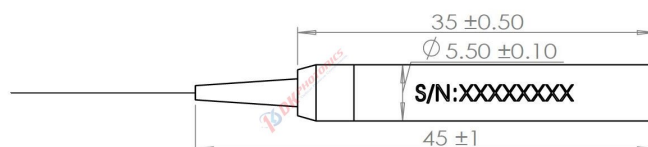
Add.:

4F, Bldg. 18, Qinghu Industrial Park,

Dahe Road, Longhua Dis.,

Shenzhen, China 518109

### Package Dimension



\*Due to ongoing design improvements, the package size is subject to change. Please contact DK Photonics for confirmation if you have special requirements.

## 2000nm Fiber Mirror Reflector

### Performance Specifications

Parameters	Unit	FMR	
Operating Wavelength	nm	1950,2000,2050	
Operating Bandwidth	nm	±50	
Reflectivity	%	93	90
Insertion Loss	dB	≤0.40	≤0.5
PDL	dB	≤0.1	
Optical Power	mW	≤500	
Fiber Type	-	SMF-28e(default) or SM1950 fiber	
Operating Temperature	°C	-20 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimension	mm	Φ5.5×L35	

1. Above specification are for device without connector and may change without notice.
2. IL is 0.3 dB higher and RL is 5 dB lower for connectors added.

### Order information P/N: FMR-①-②-③-④-⑤-⑥-⑦

When you inquire, please provide the correct P/N number according to our ordering information, and attach the appropriate description would be better. If need any connector, we do not recommend choosing a 250μm bare fiber pigtail.

①	②	③	④	⑤	⑥	⑦
Wavelength	Percentage	Package	Fiber Type	Pigtails Diameter	Fiber Length	Connector
1950:1950nm	90:90%	1: Φ5.5×L35	S28: SMF-28e Fiber	25:250μm bare fiber	08:0.8m	00: None
2000:2000nm	93:93%	X: Others	S19:SM1950	90:900μm Loose Fiber	10:1.0m	FP: FC/PC
2050:2050nm			X: Others	XX: Others	XX: Others	FA: FC/APC
XX: Others						SA: SC/APC
						LA: LC/APC
						XX: Others

**Part Number Example:** FMR-2000-90-1-S28-90-10-FA

**Description:** 2000nm Fiber Mirror Reflector, 90%, Φ5.5mm×L35mm, SMF-28e fiber, with 0.9mm OD loose tube, 1.0m length fiber pigtails, FC/APC connectors at all ports.

### Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.