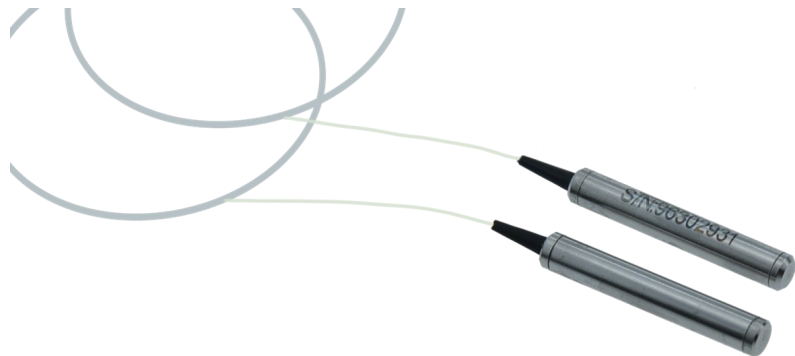
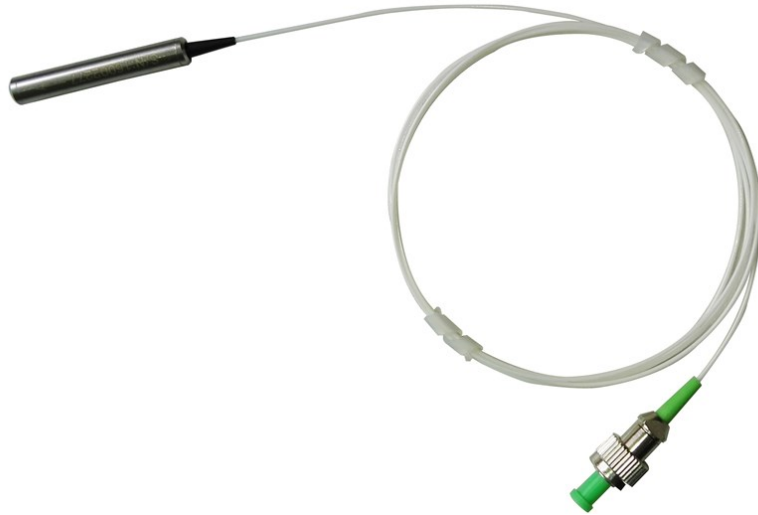


1310nm&1480nm&1550nm Fiber Mirror Reflector

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

<https://www.dkphotonics.com>

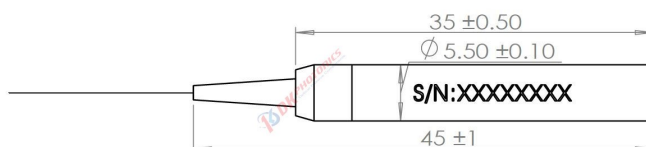
Add.:

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.

1310nm&1480nm&1550nm Fiber Mirror Reflector

Performance Specifications

Parameters	Unit	FMR			
Operating Wavelength	nm	1310,1480,1550			
Operating Bandwidth	nm	±50			
Reflectivity	%	98%	97%	95%	92%
Insertion Loss	dB	≤0.25	≤0.30	≤0.40	≤0.45
PDL	dB	≤0.1			
Optical Power	mW	≤500			
Fiber Type	-	SMF-28e fiber			
Operating Temperature	°C	-20 ~ +70			
Storage Temperature	°C	-40 ~ +85			
Dimension	mm	Φ5.5×L35 or Φ3.0×L12 (bare fiber)			

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
13:1310nm	98:98%	1: Φ5.5×L35	S28: SMF-28 Fiber	25:250μm bare fiber	08:0.8m	00: None
14:1480nm	97:97%	2: Φ3.0×L12	X: Others	90:900μm Loose Fiber	10:1.0m	FP: FC/PC
15:1550nm	95:95%	X: Others		XX: Others	XX: Others	FA: FC/APC
XX: Others	92:92%					SA: SC/APC
						LA: LC/APC
						XX: Others

Part Number Example: FMR-13-98-1-S28-90-10-FA

Description: 1310nm Fiber Mirror Reflector, 98%, 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.