

# 0106 Reflecting Mirror

**RF1000-S**



## 1520 nm to 1580 nm Reflectivity Mirror, Single Mode

The single mode reflectivity mirror featured with a low insertion loss, high return loss, high extinction ratio and excellent environmental stability & reliability. They are ideal for single mode fiber amplifiers, fiber lasers, telecom system and instrumentation applications.

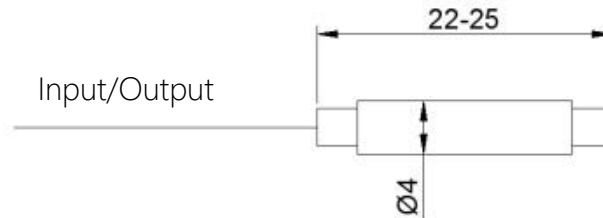
### FEATURES

- Low Insertion Loss
- High Return Loss
- High Stability and Reliability

### USE IN

- Fiber Optic Instruments
- Fiber Sensor
- Fiber Lasers

### MECHANICAL DRAWING



Unit: mm

Center Wavelength	1520 nm to 1580 nm
Insertion Loss	0.4 dB max.
Polarization Dependent Loss	0.05 dB max.
Polarization Mode Dispersion	0.1 ps max.
Return Loss	45 dB min.
Max. Power Handling	300 mW
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C
Fiber Type	SM Fiber
Dimensions	4x4x25 mm

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**