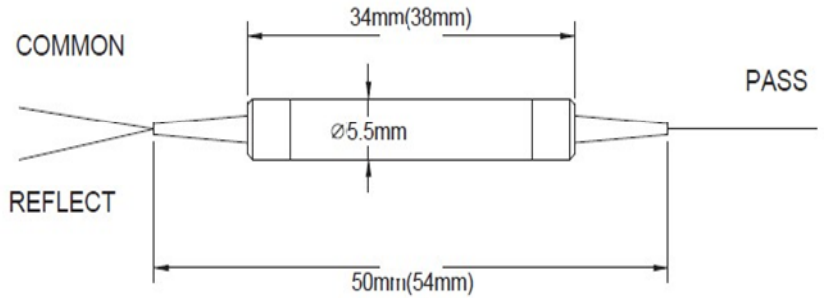
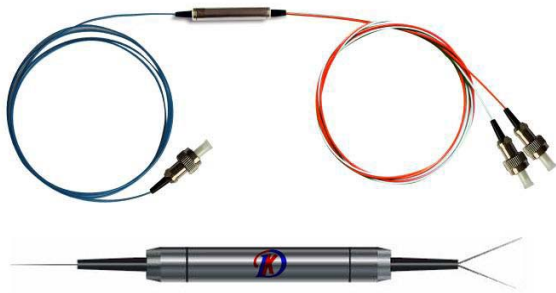




980/1064nm Filter WDM

The Filter Wavelength Division Multiplexer is based on environmentally stable thin-film filter technology. The devices combine or separate light at different wavelength in a wide wavelength range. They offer very low insertion loss, low polarization dependence, high isolation and excellent environmental stability. High power handling capability can be achieved through unique pigtail processing and high quality AR coating. These components have been extensively used in EDFAs, Raman amplifiers, WDM networks and fiber optical instruments.

The products are Telcordia GR-1221/1209-CORE qualified, and RoHS compliant.



Features

- ◆ Wide Operating Wavelength Range
- ◆ Low insertion loss
- ◆ Ultra Flat Wide Passband
- ◆ High channel isolation
- ◆ High stability and reliability
- ◆ Epoxy free on optical path

Applications

- ◆ System Monitoring
- ◆ WDM System
- ◆ Transmitters and Fiber lasers
- ◆ Fiber Optical Amplifier
- ◆ Fiber Optic Instruments

Performance Specifications

Parameter	Specification	
Type	980/1064nm Filter WDM	
Operating Wavelength (nm)	Pass Band:980±10	Reflection Band:1064±30
Max. Insertion Loss (dB)	0.8	0.6
Isolation (dB)	> 25	> 12
PDL (dB)	< 0.10	
Return Loss (dB)	> 50	
Thermal Stability(dB/°C)	≤0.005	
Power Handling (Max)(mW)	≤300	
Tensile Load(N)	<5	
Fiber Type	HI 1060	
Fiber Pigtail Length (m)	1m or custom length	
Operating Temperature (°C)	-10 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Package Dimensions (mm)	Ø5.5 x L35	

*The above specification is without connector.

**Other specifications can be made on customer request.

Order information

FWDM-①①-②②-③③-④④



①① Wavelength	②② Fiber Diameter	③③ Fiber Length	④④ Connector
96:980nm pass/1064nm reflect	25:250um 90:900um XX: Others	05:0.5m 08:0.8m 10:1.0m XX: Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC XX: Others