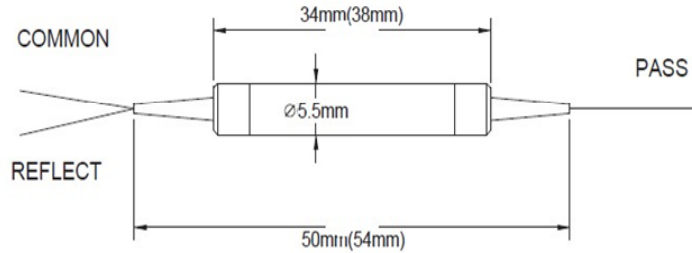




980/1060 nm Filter WDM

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 laser
- ◆ Fiber Optical Amplifier
- ◆ Fiber Optic Instruments

Performance Specifications

Parameters		FWDM-98/06
Pass Band	Wavelength Range(nm)	980± 10
	Insertion Loss(dB)	≤ 0.7
	Isolation (dB)	≥ 25
Reflection Band	Wavelength Range(nm)	1060± 30
	Insertion Loss(dB)	≤ 0.6
	Isolation (dB)	≥ 12
Return Loss(dB)		≥ 50
Polarization Dependent Loss(dB)		≤0.1
Thermal Stability (dB/°C)		0.005
Max. optical power(mW)(Continuous Wave)		500
Max. tensile load (N)		5
Fiber type		HI 1060 fiber
Operation Temperature(°C)		-0 ~ +70
Storage Temperature(°C)		-40 ~ +85
Package dimensions (mm)		Ø5.5 x L34(L38 for 900um Jacket)

*The above specification is without connector.

**Other specifications can be made on customer request.

Order information

FWDM-①①-②②-③③-④④



①①	②②	③③	④④
Wavelength	Fiber Diameter	Fiber Length	Connector
96:980 Pass/1060 Reflect	25:250um 90:900um XX: Others	05:0.5m 10:1.0m 15:1.5m XX:Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC ST: ST/PC XX: Others