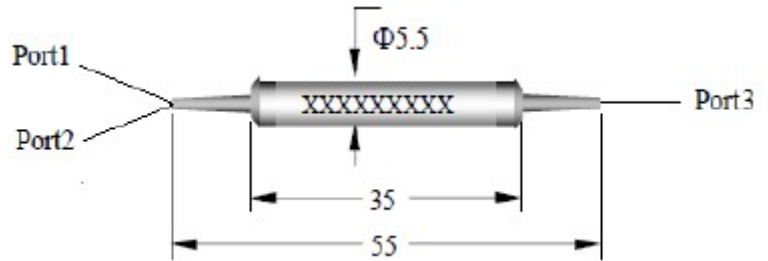




## Polarization Maintaining Filter WDM 980/1060nm

The Polarization Maintaining Filter WDM are characterized with low IL, high return loss, high extinction ratio and excellent environmental stability and reliability. They are ideal for polarization maintaining fiber amplifiers, fiber lasers, and high speed communication system and instrumentation applications.

The products are Telcordia qualification tested.



### Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Compact In-Line Package
- ◆ High Stability and Reliability

### Applications

- ◆ Fiber laser
- ◆ Fiber amplifier
- ◆ Sensor
- ◆ Communications

### Performance Specifications

Parameter	Values
Operating Wavelength	T980/R1060 or T1060/R980
Bandwidth (nm)	960~990 / 1030~1080
Insertion Loss(dB)	≤0.8(T) ≤0.5(R)
Extinction Ratio (dB)	≥20
Isolation(dB)	≥25(T) ≥12(R)
Optical Return Loss(dB)	≥50
Power Handling (Max)( mW)	≤300
Thermal Stability(dB/°C)	≤0.005
Tensile Load(N)	≤5
Fiber Type	PM 980 Panda fiber
Operating Temperature(°C)	-5 to +70
Storage Temperature(°C)	-40 to +85
Package Dimensions (mm)	Ø5.5 x L35

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

\*The PM fiber and the connector key are aligned to the slow axis and fast axis is blocked.

### Order information

FWDM-1X2-①①-②②-③③-④④



①①	②②	③③	④④
Wavelength	Fiber Diameter	Fiber Length	Connector
96:980nm pass/1060nm reflect 69:1060nm pass/980nm 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