

Polarization Maintaining Filter WDM

1. Description:

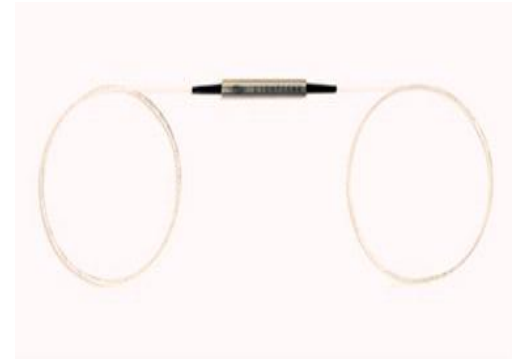
The PM FWDM provides wavelength division multiplexing while maintaining signal polarization. The PM FWDM is characterized with low insertion loss, high return loss, high extinction ratio and excellent environmental stability and reliability. It is ideal for high speed WDM network systems.

2. Features:

- High Isolation
- Low insertion loss
- High Extinction Ratio
- Excellent Environment Stability and Reliability.

3. Applications:

- Fiber Lasers
- Optical Amplifier
- WDM Network System



4. Specifications:

Parameter		T980/R1060	T1550/R980	T1480/R1550
Transmission	Operating Wavelength(nm)	960-990	1530-1570	1460-1500
	Insertion Loss (dB)	≅ 1.0	≅ 0.7	≅ 0.7
	Isolation	≅ 25		
reflection	Operating Wavelength(nm)	1040-1080	960-1000	1530-1570
	Insertion Loss (dB)	≅ 0.8	≅ 0.8	≅ 0.6
	Isolation	≅ 12		
Extinction Ratio(dB)		≅ 20		
Return Loss(dB)		≅ 50		
Power Handling(mW)		≅ 300		
Operating Temperature(°C)		-5~+70		
Storage Temperature(°C)		-40~+85		
Fiber Type		PM for com and Pass port. PM or SMF-28E/Hi1060 for Pump port		
Package Dimensions(mm)		⊙5.5×L35		



5. Order Information:

Port	Operating Wavelength	Fiber Type	Fiber Length	Connector
1×2	980=6T980/R1060	0=SMF-28E 4=others	0=250um 1=900um 2=2m 3=3m 4=others	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC