

## Polarization Maintaining Filter WDM

Features	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
Application	
Fiber Laser Fiber Amplifier Testing equipment	

### Specifications

	Type	980/1064	1064/980	1550/980	1527/1742
Pass wavelength (nm)		960~990	1020~1080	1520~1580	1500~1600
Reflection wavelength (nm)		1020~1080	960~990	960~990	1700~1780
Pass Insertion Loss (dB)		≤1.0	≤0.8	≤0.7	≤0.8
Reflection Insertion Loss (dB)		≤0.6	≤0.6	≤0.5	≤0.6
Pass channel Isolation (dB)		≥25	≥25	≥25	≥25
Reflection Isolation (dB)		≥12	≥12	≥12	≥12
Channel Flatness (dB)		≤0.3			
Extinction Ratio (dB)		≥20			
Return Loss (dB)		≥50			
Insertion loss thermal stability (dB/°C)		≤0.005			
Power handling CW (mW)		≤500			
Fiber Type	Comm & Passport	PM 980	PM 980	PM 1550	PM 1550
	Reflection Port	HI 1060 or PM 980	HI 1060 or PM 980	HI1060 or PM 980	PM 1550
Operating temperature (°C)		0 ~ +65			
Storage temperature (°C)		-40 ~ +85			
Dimensions (mm)		φ5.5 × L35(P1) (only for bare fiber or 900um loose tube)			
		L90*W20*H9.5 (ABS) (P2) (only for 3mm or 2mm cable)			

\*Above specifications are for devices without the connectors.

\*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.

### Package Dimensions

