

## Polarization Maintaining Mini Size Filter WDM(980/1550nm)

<b>Features:</b>
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability
<b>Application:</b>
Fiber Laser Fiber Amplifier Testing equipment

### Specifications;

Type	1550/980	
Parameter		
Pass wavelength (nm)	1520~1580	
Reflection wavelength (nm)	960~990	
Pass Insertion Loss (dB)	≤0.7	
Reflection Insertion Loss (dB)	≤0.5	
Pass channel Isolation (dB)	≥25	
Reflection Isolation (dB)	≥12	
Channel Flatness (dB)	≤0.3	
Extinction Ratio (dB)	≥20	
Return Loss (dB)	≥50	
Insertion loss thermal stability (dB/°C)	≤0.005	
Port Type	1x2	
Power handling CW (mW)	≤500	
Fiber Type	Comm & Pass port	PM 1550
	Reflection Port	HI1060 or PM 980
Operating temperature (°C)	0 ~ +65	
Storage temperature (°C)	-40 ~ +85	
Dimensions (mm)	Φ3.0 × L25(P1) (only for bare fiber)	

\*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.

### Ordering Information :

PMFWDM	Wavelength	Package	Fiber type on reflection	Pigtail Type	Length	Connector
	9815=960~990pass/1520-1580reflection	M=S US 3.0x2 5mm	1=PM Fiber 2=HI1060 3=SMF-28e	1=250um bare fiber	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify