

## High Power Polarization Maintaining Filter WDM

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

### Specifications:

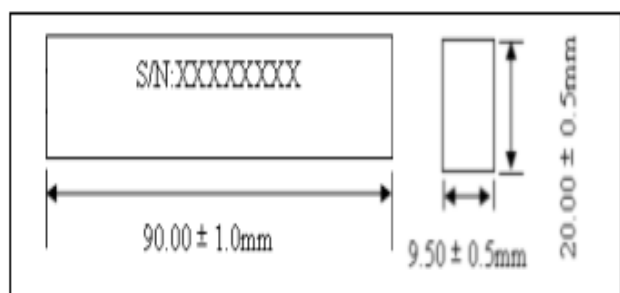
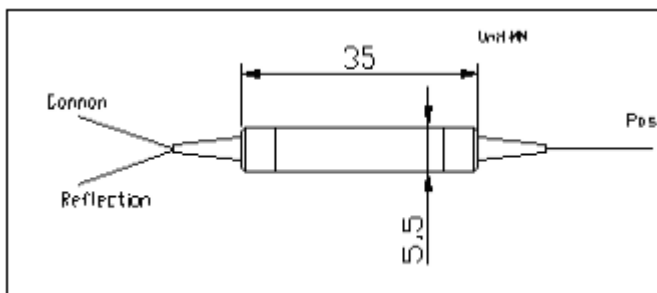
Type Parameter	980/1064 or 1550	1064/980 or 1550	1550/980	1550/1064 or 1030	
Pass wavelength (nm)	960~990	1020~1080	1520~1580	1520~1580	
Reflection wavelength (nm)	1020~1080 or 1520~1580	960~990 or 1520~1580	960~990	1020~1080	
Pass Insertion Loss (dB)	≤1.0	≤0.8	≤0.8	≤0.8	
Reflection Insertion Loss (dB)	≤0.6	≤0.6	≤0.6	≤0.6	
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				
Power handling CW (W)	1,2,3,4,5,10				
Fiber Type	Comm & Pass port	PM 980	PM 980	PM 1550	PM 1550
	Reflection Port	HI 1060 or PM 980	HI 1060 or PM 980	HI1060 or PM 980	HI1060 or PM 980
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. and max handling power is 1W.

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

### Package Dimensions:



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**Ordering Information :**

HPMFWDM	Wavelength	Port Type	Fiber type on reflection	Power	Pigtail Type	Length	Connector
	96=960~990nmPass/ 1020~1080nm Reflection	1=1x1 2=1x2	1=PM Fiber 2=HI1060 3=SMF-28e	1=1W 2=2W 3=3W 4=4W 5=5W A=10W S=Specify	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	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
	69=1020~1080nmPass/ 960~990nmReflection						
	59=1520~1580nm Pass/960~990nmReflection						
	56=1520~1580nm Pass/1020~1080Refletion						
	53=1520~1580nm Pass/1030~1064Refletion						
	93=960~990nmPass/ 1020~1080nm Reflection						
	39=1020~1080nmPass/ 960~990nmReflection						
	95=960~990pass/1520-1580 reflection						