

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:

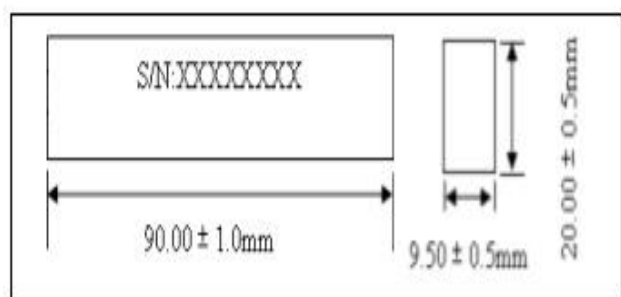
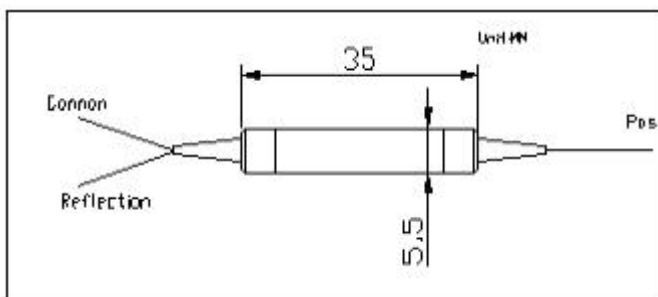
Parameter \ Type	980/1064	1550/1480	1550/980	1550/1064	
Pass wavelength (nm)	960~990 or 1020-1080	1530-1570	1520~1580 or 960-990	1500~1600	
Reflection wavelength (nm)	1020~1080 or 960-990	1460-1490	960~990 or 1520-1580	1040~1064	
Pass Insertion Loss (dB)	≤0.8	≤0.8	≤0.7	≤0.8	
Reflection Insertion Loss (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 & Pass port	PM 980	PM 1550	PM 1550	PM 1550
	Reflection Port	HI 1060 or PM 980	PM1550 or SMF-28e	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.

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

Package Dimensions:



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Ordering Information :

PMFWDM	Wavelength	Port Type	Fiber type on reflection	Pigtail Type	Length	Connector
	9806=960~990nmPass/ 1020~1080nm Reflection 0698=1020~1080nmPass/ 960~990nmReflection 1598=1520~1580nm Pass/960~990nmReflection 1506=1500~1600nm Pass/1040~1064Refletion 1503=1500~1600nm Pass/1030~1064Refletion 9803=960~990nmPass/ 1020~1080nm Reflection 0398=1020~1080nmPass/ 960~990nmReflection 9815=960~990pass/1520-1580r eflection 4855=T1550R1480	1=1x1 2=1x2	1=PM Fiber 2=HI1060 3=SMF-28e	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	H=0.5m 7=0.7m 8=0.8m 1=1m	0=None 1=FC/UPC 2=FC/APC S=Specify