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;

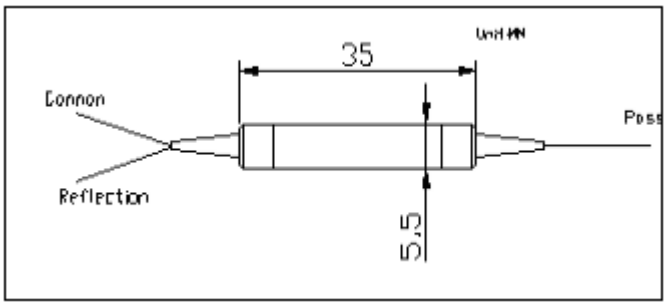
Parameter \ Type		980/1064	1064/980	1550/980	1550/1064
Pass wavelength (nm)		960~990	1020~1080	1520~1580	1500~1600
Reflection wavelength (nm)		1020~1080	960~990	960~990	1040~1064
Pass Insertion Loss (dB)		≤1.0	≤0.8	≤0.7	≤0.8
Reflection Insertion Loss (dB)		≤0.6	≤0.6	≤0.5	≤0.6
Pass channel Isolation (dB)		≥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/℃)		≤0.005			
Power handling CW (mW)		≤500			
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 (℃)		0 ~ +65			
Storage temperature (℃)		-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)			

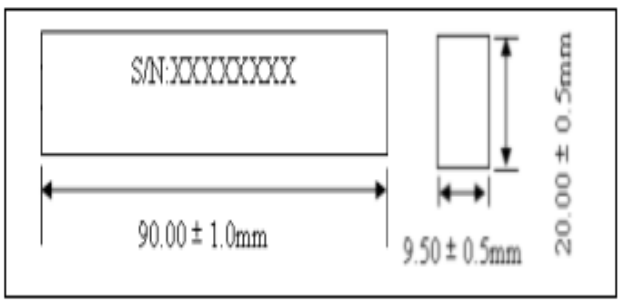
*Above specifications are for devices without the connectors.

*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:





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/1520-1580reflection	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 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