

Filter WDM

Features	
Low Insertion Loss & High Isolation High Stability and Reliability	
Application	
Fiber Amplifier、Fiber Laser、Fiber Instrument	

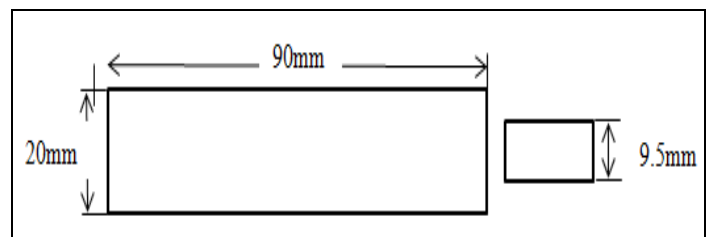
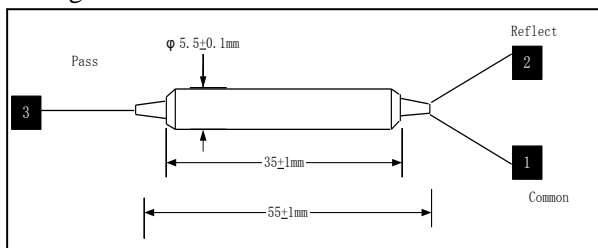
Specifications

Parameter	1550/1480	1550/980	1550/1064	1064/980
Pass wavelength (nm)	1530-1580 (or 1440-1490)	1460~1620(or 900~1100)	1460~1620(or 900~1100)	960-990 (or 1020-1080)
Reflection Wavelength (nm)	1440-1490 (or 1530-1580)	930~1030(or 1500~1600)	1030~1080(or 1500~1600)	1020-1080 (or 960-990)
Pass insertion Loss (dB)	≤0.7	≤0.8	≤0.8	≤0.8
Reflection Insertion Loss (dB)	≤0.5	≤0.6	≤0.6	≤0.6
Pass Channel Isolation (dB)	≥30	≥25	≥25	≥25
Reflection Isolation (dB)	≥13	≥13	≥13	≥13
Channel Flatness (dB)	≤0.3	≤0.3	≤0.3	≤0.3
Directivity (dB)	≥55			
Return Loss (dB)	≥50			
PDL (dB)	≤0.1			
Power Handling (mW)	≤300			
Fiber Type	SMF-28e	SMF-28e for Pass port, HI1060 for Common and Reflect ports		HI1060
Operating Temperature (°C)	0 ~ +70			
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

Package Dimensions



Ordering Information

FWDM	Pass/Reflect Wavelength	000	Package type	Pigtail Type	Length	Connector
	5548=1550nmPass/1480nmReflect 4855=1480nmPass/1550nmReflect 5598=1550nmPass/980nmReflect 9855=980nmPass/1550nmReflect 5506=1550nmPass/1064nmReflect 0655=1064nmPass/1550nmReflect 0698=1064nmPass/980nmReflect 9806=980nmPass/1064nmReflect		1=5.5*35mm 2=90*20*9.5mm	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	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	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC