

## EDFA/Laser Filter WDM

**Features:**

Low Insertion Loss & High Isolation  
High Stability and Reliability

**Application:**

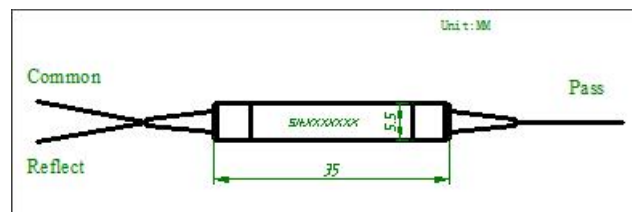
Fiber Laser & Amplifier

**Specifications:**

Parameter	1550/1480	1064/980	1550/980	1064/1030	1550/1064
Pass wavelength (nm)	1530-1580	960-990 (or 1020-1080)	1520-1600	1064+/-2.5	1500~1600
Reflection Wavelength (nm)	1440-1490	1020-1080 (or 960-990)	965-1000	1030+/-10	1040~1064
Pass insertion Loss (dB)	≤0.6	≤0.8	≤0.8	≤0.8	≤0.8
Reflection Insertion Loss (dB)	≤0.5	≤0.6	≤0.6	≤0.6	≤0.6
Pass Channel Isolation (dB)	≥30	≥30	≥30	≥25	≥25
Reflection Isolation (dB)	≥13	≥15	≥15	≥13	≥13
Channel Flatness (dB)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Directivity (dB)	≥55				
Return Loss (dB)	≥50				
PDL (dB)	≤0.1				
Wavelength Thermal Stability (nm/°C)	≤0.003				
Insertion Loss Thermal Stability(dB/°C)	≤0.005				
Power Handling (mW)	≤300				
Fiber Type	SMF-28e for all ports	HI1060 for all ports	SMF-28e for Pass port, HI1060 for Common and Reflect ports	HI1060 for all ports	SMF-28e for Pass port, HI1060 for Common and Reflect ports
Operating Temperature (° C)	0 ~ +70				
Storage Temperature(° C)	-40 ~ +85				
Dimensions (mm)	φ 5.5 × L35				

\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

**Packing Dimensions:**


**Ordering Information:**

FWDM	Pass/Reflect Wavelength	0	Package Type	Pigtail Type	Length	Connector
	554800=P1550/R1480 069800=P1064//R980 980600=P980/R1064 559800=P1550/R980 550600=P1550/1064 643000=T1064/R1030		1=5.5*35 2=4.0*≤30 3=90*20*9.5 4=3x25mm	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 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