

## High Power EDFA/Laser Filter WDM

### Features:

Low Insertion Loss & High Isolation  
High Stability and Reliability

### Application:

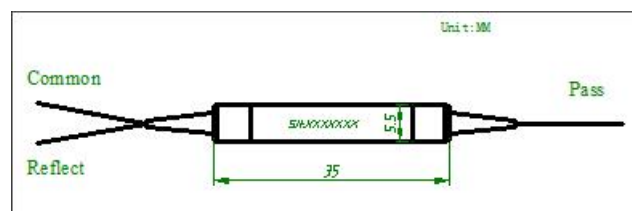
Fiber Laser & Amplifier

### 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	≥18	≥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 (Average Power) (W)	≤2				
Peak Power(Kw)	1				
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)	φ5.5×L35(P1)				

Above specifications are for devices without connector.

### Package Dimensions



### Ordering Information

HPFWDM	Pass/Reflect Wavelength	0	Package Type	Pigtail Type	Length	Connector
	5548=P1550/R1480 0698=P1064/R980 9806=P980/R1064 5598=P1550/R980 5506=P1550/1064		1=P1(5.5*35)	1=250um bare fiber 2=900um loose tube S=Specify	H=0.5m 8=0.8m 1=1m 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