

## 3 Port High Power Filter WDM(1250~1700nm)

**Features:**

Low Insertion Loss & High Isolation  
High Stability and Reliability

**Application:**

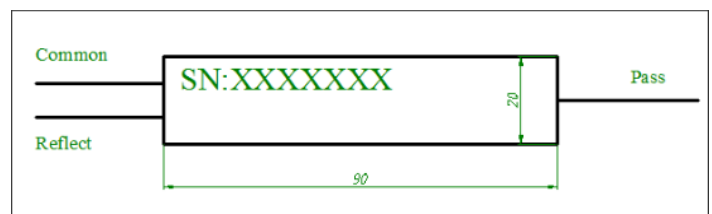
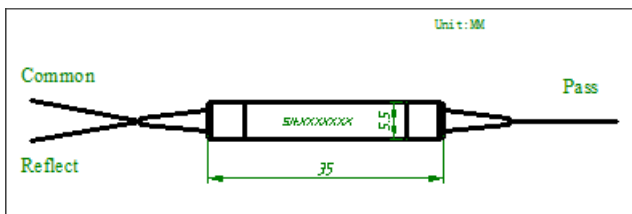
Fiber Amplifier  
Fiber Laser  
Fiber Instrument

**Specifications:**

Parameter	Value
Pass wavelength (nm)	See Order
Reflection Wavelength (nm)	See Order
Pass insertion Loss (dB)	≤ 0.8
Reflection Insertion Loss (dB)	≤ 0.6
Pass Channel Isolation (dB)	≥ 30
Reflection Isolation (dB)	≥ 13
Channel Flatness (dB)	≤ 0.3
Directivity (dB)	≥ 55
Return Loss (dB)	≥ 50
PDL (dB)	≤ 0.1
Power Handling (W)	≤ 5
Fiber Type	SMF-28e for all ports
Operating Temperature (°C)	0 ~ +70
Storage Temperature(°C)	-40 ~ +85
Dimensions (mm)	φ 5.5× L35(P1)

\*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:**

HPF WDM	Pass/Reflect Wavelength	Power Handling	Package Type	Pigtail Type	Length	Connector
	5546=P1530~1580/R1440~1490	2=2W	1=P1(5.5*35)	1=250um	H=0.5m	0=None
	5155=P1500~1520/R1530~1570	3=3W	2=P2(4.0*≤30)	bare fiber	8=0.8m	1=FC/UPC
	5431=P1460~1620/R1260~1360		3=P3(90*20*9.5)	2=900um	1=1.0m	2=FC/APC
	3154=P1260~1360/R1460~1620			loose tube	5=1.5m	3=SC/APC
	3857=P1260~1500/R1520~1620			3=3mm	2=2.0m	4=SC/UPC
				loose tube	3=3.0m	5=MU
				4=2mm	4=4.0m	6=LC/UPC
				loose tube	A=2.5m	7=LC/APC
				S=Specify	B=5.0m	S=Specify
					S=Specify	
					fy	