

## Multi-Mode Filter WDM (FWDM)

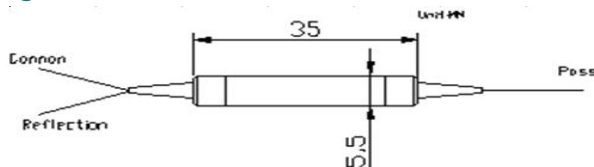
<b>Features</b>	
Low Insertion Loss High Isolation High Stability and reliability	
<b>Application</b>	
Multi-mode fiber communication systems LAN	

### Specifications

Type Parameter	P1310/R850	P850/R1310
Pass wavelength (nm)	1310±50	850 ±50
Reflection wavelength (nm)	850±50	1310±50
Pass channel insertion loss (dB)	≤0.7	
Reflection channel insertion loss (dB)	≤0.6	
Pass channel isolation (dB)	≥30	
Reflection channel isolation (dB)	≥15	
Directivity (dB)	≥35	
Return loss (dB)	≥30	
PDL (dB)	≤0.1	
Wavelength thermal stability (nm/°C)	≤0.003	
Insertion loss thermal stability(dB/°C)	≤0.005	
Power handling (mW)	≤500	
Operating temperature (°C)	0 ~ +70	
Storage temperature (°C)	-40 ~ +85	
Fiber type	50/125 or 62.5/125um	
Package Dimensions (mm)	φ5.5×L35	

\*The above specification are for devices without connector.

### Package Dimensions



### Ordering Information

FWDM	Pass/Reflection Wavelength	Fiber type	00	Package	Pigtail Type	Length	Connector
	9831=850P/1310R 3198=1310P/850R	1=50/125 OM3 MMF 2=62.5/125MMF		1=5.5x3 5 2=90x20 x9.5	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	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/PC X=ST/PC