

## 1310nm /1490nm /1550nm Filter WDM

### Features:

- ◆ Wide Operating Wavelength Range
- ◆ Low Insertion Loss
- ◆ Ultra Flat Wide Passband
- ◆ High Channel Isolation
- ◆ High Stability and Reliability
- ◆ Epoxy-free on Optical Path



### Applications:

- ◆ Testing Instruments
- ◆ FTTH Tri-Play System

### Performance Specifications:

Parameter		FWDM 4/35	FWDM 5/34	FWDM 34/5
Passband Wavelength Range (nm)		1480~1500	1540~1560	1260~1360&1480~1500
Reflection Band 1 Wavelength Range (nm)		1260~1360	1260~1360	1540~1560
Reflection Band 2 Wavelength Range (nm)		1540~1560	1480~1500	
Insertion Loss (dB)	Reflect Channel	≤0.6		
	Pass Channel	≤0.8		
Passband Rippler (dB)		<0.3		
Isolation	Reflect Channel	>15		
	Pass Channel	>30		
Insertion Loss Temperature Sensitivity (dB/°C)		<0.005		
Polarization Dependent Loss (dB)		<0.1		
Polarization Mode Dispersion (ps)		<0.1		
Directivity (dB)		>50		
Return Loss (dB)		>50		
Maximum Power Handling (mW)		1000		
Operating Temperature (°C)		-20~+80		
Storage Temperature (°C)		-40~+85		
Package Dimension (mm)		Φ5.5x34 (L38 for 900um Loose tube)		

Specifications may change without notice.

Above specification are for device without connector.

**Nomenclature:**

MWDM	X	X	X	XX
	Wavelength	Fiber Type	Fiber Length	In/Out Connector
	4/35=1490 pass 1310&1550 reflect 5/34=1550 pass 1310&1490 reflect 34/5=1310&1490 pass 1550 reflect	1=Bare fiber 2=900um loose tube	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC S=Specify