

## 3 port 1310/1550nm 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:

- ◆ System Monitoring
- ◆ WDM Network
- ◆ Transmitters and Fiber laser
- ◆ Fiber Optical Amplifier
- ◆ Fiber Optical Instruments

### Performance Specifications:

Parameter		Specification
Pass Channel Wavelength (nm)		1500 ~ 1600 (or 1260 ~ 1360)
Reflect Channel Wavelength (nm)		1260 ~ 1360 (or 1500~1600)
Insertion Loss (dB)	Reflect Channel	≤0.5
	Pass Channel	≤0.6
Insertion Loss Variation (dB)		<0.3
Isolation (dB)	Reflect Channel	>15
	Pass Channel	>40
Inertion Loss Temperature Sensitivity (dB/°C)		<0.005
Polarization Dependent Loss (dB)		<0.1
Polarization Mode Dispersion		<0.1
Directivity (dB)		>50
Return Loss (dB)		>50
Maximum Power Handling (mw)		500
Operating Temperature (°C)		-2~+80
Storage Temperature (°C)		-40~+85
Package Dimension (mm)		Φ5.5x34 (L38 for 900um Loose tube)

Note: Above specification are for device without connector.

**Nomenclature:**

MWDM	X	X	X	XX
	Wavelength	Fiber Type	Fiber Length	In/Out Connector
	35=1310 pass 53=1550 pass	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