

## Multimode 1310 1550nm Filter Wavelength Division Multiplexer

### Features:

- ◆ Low Insertion Loss
- ◆ Wide Passband
- ◆ High Channel Isolation
- ◆ High Stability and Reliability
- ◆ Epoxy-free on Optical Path



### Applications:

- ◆ Line Monitoring
- ◆ WDM Network
- ◆ Telecommunication
- ◆ Cellular Application
- ◆ Fiber Optical Amplifier
- ◆ Access Network

### 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)

Specifications may change without notice.

Above specification are for device without connector.

### Nomenclature:

MFWDM	X	XX	X	XX
	Wavelength	Fiber Type	Fiber Length	In/Out Connector
	35=1310 pass 53=1550 pass	1=50/125um MM 2=62.5/125um MM	1=1m 2=2m	0=None 1= FC/PC 2=SC/PC 3=ST 4=LC