

## Multimode 850/1310nm Filter Wavelength Division Multiplexer

### 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 system  
 Transmitters and Fiberlasers  
 Fiberoptic amplifier  
 Fiberoptic Instruments

### Specifications

Parameter	Value	
Pass Channel Wavelength Range(nm)	800 ~ 900 (or 1260 ~ 1360 )	
Reflect Channel Wavelength(nm)	1260 ~ 1360 (or 800~900 )	
Insertion Loss(dB)	Reflect Channel	≤0.7
	Pass Channel	≤0.8
Insertion Loss Variation (dB)	≤0.3	
Isolation(dB)	Reflect Channel	>12
	Pass Channel	>30
Insertion Loss Temperature Sensitivity(dB/°C)	<0.003	
Polarization Dependent Loss(dB)	<0.1	
Polarization Mode Dispersion(ps)	<0.1	
Directivity(dB)	>45	
Return Loss(dB)	>40	
Power Handling(mW)	300	
Operating Temperature(°C)	0~+70	
Storage Temperature(°C)	-40~+85	
Package Dimension(mm)	φ5.5×L34	

### Ordering Information

MMFWDM	Wavelength	fiber core	Pigtail	Fiber Length	Connector
	8513=850pass/1310 reflect 1385=1310pass/850 reflect xx=others	62=62.5um 50=50um	B=250um bare fiber L=900um 3=3mm cabel	1=1.0m 2=2.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others