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## 1310/1550nm 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 Fiber lasers
- Fiber optical amplifier
- Fiberoptic Instruments



### Performance Specifications

Parameter	FWDM35/FWDM53	
Pass Channel Wavelength Range (nm)	1260.0 ~ 1360.0nm (1460.0 ~ 1620.0nm )	
Reflect Channel Wavelength (nm)	1460.0 ~ 1620.0nm (1260.0 ~ 1360.0nm)	
Insertion Loss (dB),	Reflect Channel	≤ 0.6
	Pass Channel	≤ 0.7
Pass Band Ripple(dB)	< 0.3	
Isolation	Reflect Channel	> 15
	Pass Channel	>30
Insertion Loss Temperature Sensitivity (dB/°C )	<0.005	
Polarization Dependent Loss (dB)	<0.10	
Polarization Mode Dispersion (ps)	<0.10	
Directivity (dB)	>55	
Return Loss (dB)	>55	
Maximum Power Handling (mW)	300	
Operating Temperature (°C)	-10 ~+70	
Storage Temperature (°C)	-40 ~+85	
Package Dimension (mm)	$\phi$ 5.5 x L35 for bare fiber $\phi$ 5.5 x L38 for 900um loose tube	

Specifications may change without notice

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### Ordering Information

#### FWDM



#### Wavelength

35=1310 pass  
53=1550 pass

#### Fiber Type

1=Bare Fiber  
2=900um Fiber

#### Fiber Length

1=1 Meter  
2=2 Meter

#### Connector

0=None  
1=FC/APC  
2=FC/PC  
3=SC/APC  
4=SC/PC  
5=ST  
6=LC

### Package Dimensions

