



1310/1550nm HI Isolation 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	MWDM-35/53	
Pass Channel Wavelength Range (nm)	1280 ~ 1340nm	
Reflect Channel Wavelength (nm)	1460~ 1620nm	
Insertion Loss (dB),	Reflect Channel	≤ 1.0
	Pass Channel	≤ 1.0
Insertion Loss Variation(dB)	< 0.5	
Isolation	Reflect Channel	> 45
	Pass Channel	>45
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005	
Polarization Dependent Loss (dB)	<0.2	
Polarization Mode Dispersion (ps)	<0.1	
Directivity (dB)	>50	
Return Loss (dB)	>55	
Maximum Power Handling (mW)	300	
Operating Temperature (°C)	0 ~+70	
Storage Temperature (°C)	-40 ~+85	
Package Dimension (mm)	120 X80 X11.6mm	

Specifications may change without notice



web : www.fiberer.com email: sales@fiberer.com

Ordering Information

HWDM

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