

3 port 1310/1550nm Micro-Optical Wavelength Division Multiplexer



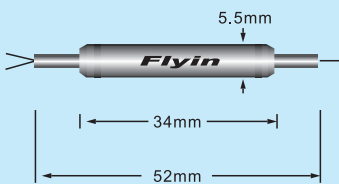
Features

- 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

Package Dimensions



Performance Specifications

Parameter	MWDM-53/35	
Pass Channel Wavelength Range (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	Reflect Channel	> 15
	Pass Channel	> 30
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005	
Polarization Dependent Loss (dB)	<0.1	
Polarization Mode Dispersion (ps)	<0.1	
Directivity (dB)	>50	
Return Loss (dB)	>50	
Maximum Power Handling (mW)	300	
Operating Temperature (°C)	-10 ~ +75	
Storage Temperature (°C)	-40 ~ +85	
Package Dimension (mm)	Φ5.5 x L34 (L38 for 900um loose tube)	

Specifications may change without notice.
Above specification are for device without connector.

Ordering Information

MWDM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Wavelength	Fiber Type	Fiber Length	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

Flyin