

# 3 port 1310/1490/1550 Micro-Optical Wavelength Division Multiplexer

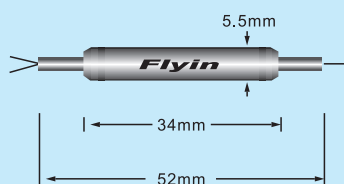
## Features

- Wide Operating Wavelength Range
- Low insertion loss
- Ultra Flat Wide Passband
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

## Applications

- Testing Instruments
- FTTH Tri-Play System

## Package Dimensions



## Performance Specifications

Parameter	FWDM4/35	FWDM5/34	FWDM34/5
Pass Band Wavelength Range (nm)	1480~1500	1540~1560	1260~1360 & 1480~1500
Reflection Band 1 Wavelength Range(nm)	1260~1360	1260~1360	1540~1560
Reflection Band 2 Wavelength Range (nm)	1540~1560	1480~1500	
Insertion Loss (dB)	Reflect Channel	≤0.6	
	Pass Channel	≤0.8	
Pass Band Rippler(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	□ □ □	□	□	□
	Wavelength	Fiber Type	Fiber Length	Connector
	4/35=1490 pass/1310& 1550 reflect 5/34=1550 pass/1310& 1490 reflect 34/5=1310&1490pass/1550 reflect	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**