

3 ports 1310/1490/1550nm 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

- Testing instrument
- FTTH tri-play system

Package Dimension



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 900μm loose tube)		

Above specifications are for devices without connector.
Specifications may change without notice.

Ordering Information

MWDM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Wavelength	Fiber Type	Fiber Length	Connector
	4/35=1490 pass/1310 & 1550 reflect 5/34=1550 pass/1310 & 1490 reflect 34/5=1310 & 1490 pass/ 1550 reflect	0=Bare fiber 1=900μm loose tube	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify

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