



C Band / L Band Micro-Optic Wavelength Division Multiplexer

AC Photonics' Micro-Optics WDM utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging. It provides low insertion loss, high channel isolation, low temperature sensitivity and epoxy free optical path. All AC Photonics' products are telcordia qualification tested.



Features

- Wide Operating Wavelength Range
- Low Insertion Loss
- Ultra Flat Wide Passband
- High Channel isolation
- High stability and Reliability
- Epoxy Free Optical Path

Applications

- System Monitoring
- WDM System
- Transmitters and Fiber Lasers
- Fiber Optical Amplifier
- Fiberoptic Instruments

Performance Specifications

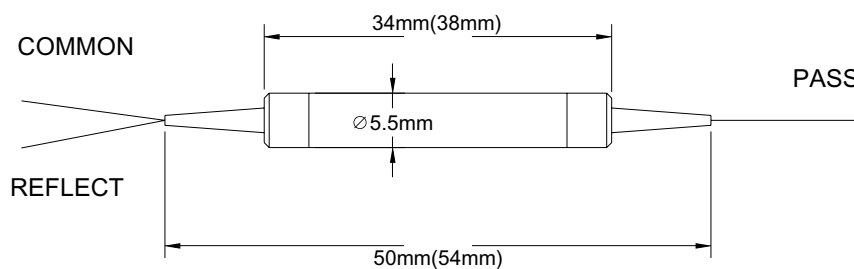
Parameter	MWDM-CL/LC	
Pass Channel Wavelength Range (nm)	1570 ~ 1610 (or 1500 ~ 1563)	
Reflect Channel Wavelength (nm)	1500 ~ 1563 (or 1570 ~ 1610)	
Insertion Loss (dB)	Reflect Channel	≤ 0.4
	Pass Channel	≤ 0.6
Insertion Loss Variation (dB)	≤ 0.3	
Isolation (dB)	Reflect Channel	≥ 12
	Pass Channel	≥ 30
Insertion Loss Temperature Sensitivity (dB/°C)	≤ 0.003	
PDL (dB)	≤ 0.10	
Polarization Mode Dispersion (ps)	≤ 0.1	
Directivity (dB)	≥ 60	
Return Loss (dB)	≥ 50	
Power Handling (mW)	300	
Operating Temperature (°C)	0 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Dimensions (mm)	∅5.5 x L34 (L38*)	

* L38 for 900um Jacket.

Ordering Information

MWDM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	6370=1563 pass 7063=1570 pass	1=Bare Fiber 2=900um Jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

Dimensions



Spectral Chart

