



980/1550nm 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 Reliability and Stability
- Epoxy Free Optical Path

Applications

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

Performance Specifications

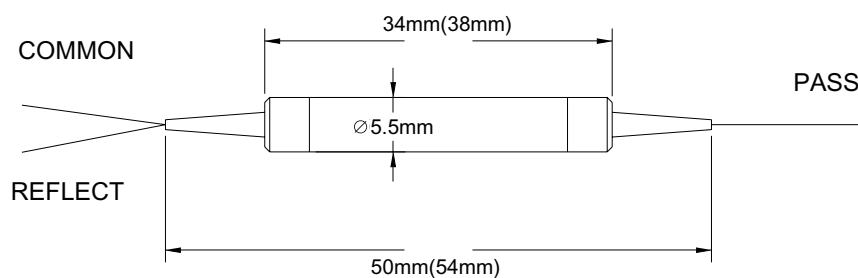
Parameter		MWDM-59
Pass Channel Wavelength Range (nm)		1520 ~ 1600
Reflect Channel Wavelength (nm)		965~ 1000
Insertion Loss (dB)	Reflect Channel	≤ 0.6
	Pass Channel	≤ 1.0
Insertion Loss Variation(dB)		≤ 0.3
Isolation (dB)	Reflect Channel	≥ 18
	Pass Channel	≥ 30
PDL (dB)		≤0.10
Polarization Mode Dispersion (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)		Φ5.5 x L34(L38*)
Fiber Type		Corning HI 1060 at common/pump port
		Corning SMF-28 fiber at signal port

* 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"/>
	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	59=1550nm Pass/980 Reflect	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

