

C Band Red / Blue Pass Micro-Optic Wavelength Division Multiplexer



ACP's 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.

Key Features

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

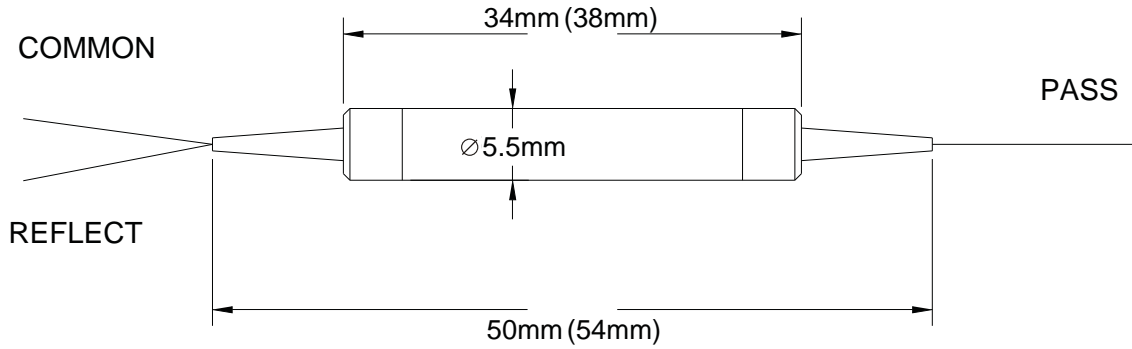
Applications

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

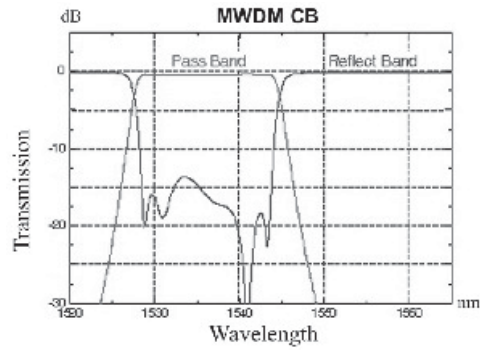
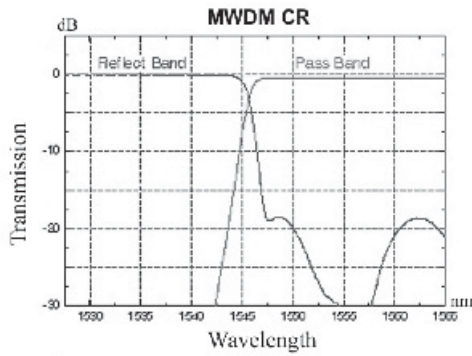
Performance Specifications

Parameter		Specifications
Pass Channel Wavelength Range		1547nm to 1561nm (or 1530nm to 1543.2nm)
Reflect Channel Wavelength Range		1530nm to 1543.2nm (or 1547nm to 1561nm)
Insertion Loss	Reflect Channel.	≤ 0.4dB
	Pass Channel	≤ 0.6dB
Insertion Loss Variation		≤ 0.3dB
Channel Isolation	Reflect Channel	≥ 12dB
	Pass Channel	≥ 30dB
Insertion Loss Temperature Sensitivity		≤ 0.003dB/°C
Polarization Dependent Loss		≤ 0.10dB
Polarization Mode Dispersion		≤ 0.10ps
Directivity		≥ 60dB
Return Loss		≥ 50dB
Optical Power		≤ 300mW
Operating Temperature		0 to +70°C
Storage Temperature		-40 to +85°C
Package Dimensions		Ø5.5 x L34mm (L38 for 900um)

Mechanical Dimensions



Spectral Chart



Ordering Information

MWDM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Band	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	C = C Band	R = Red Pass B = Blue Pass	1 = Bare Fiber 2 = 900um Jacket	1 = 1.0m 2 = 2.0m	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC