



# C Band Supervisory Channel (1510nm~1520nm) MWDM

AC Photonics' C Band Supervisory Channel (1510nm~1520nm) Micro-Optic 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 telcordie qualification tested.

## Features

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

## Applications

- Fiberoptic Amplifiers



## Performance Specifications

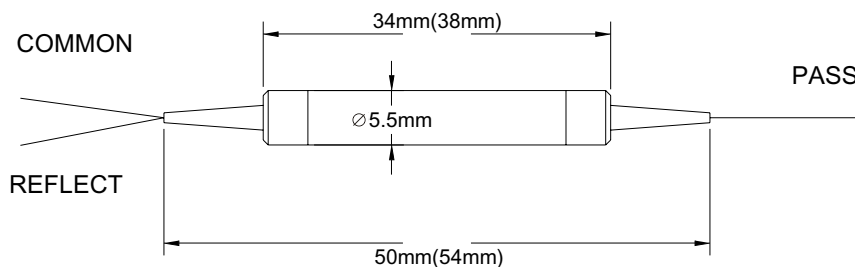
Parameter		MWDM CS
Pass Channel Wavelength Range $\lambda_1$ (nm)		1500 ~ 1520
Reflection Channel Wavelength Range $\lambda_2$ (nm)		1530~1563
Insertion Loss (dB)	Reflection Channel	$\leq 0.4$
	Pass Channel	$\leq 0.6$
Pass Band Ripple (dB)		$\leq 0.3$
Isolation (dB)	Reflection Channel	$\geq 12$
	Pass Channel	$\geq 30$
Directivity (dB)		$\geq 50$
PDL (dB)		$\leq 0.1$
Polarization Mode Dispersion		$\leq 0.1$
Return Loss (dB)		$\geq 50$
Power Handling (mW)		300
Operating Temperature ( $^{\circ}\text{C}$ )		0 ~ +70
Storage Temperature ( $^{\circ}\text{C}$ )		-40 ~ +85
Dimensions (mm)		$\phi 5.5 \times L34(L38^*)$

\* 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"/>
	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	CS=1510nm 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

