



C and L-Band 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.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Wavelength Range (Pass Channel)	1570 to 1610 (or 1500 to 1563nm)
Wavelength Range (Reflect Channel)	1500 to 1563 (or 1570 to 1610nm)
Insertion Loss (Pass Channel)	≤ 0.60dB
Insertion Loss (Reflect Channel)	≤ 0.40dB
Insertion Loss Variation	≤ 0.30dB
Channel Isolation (Pass Channel)	≥ 30dB
Channel Isolation (Reflect Channel)	≥ 12dB
Insertion Loss Temperature Sensitivity	≤ 0.003dB/°C
Polarization Dependent Loss	≤0.10dB
Polarization Mode Dispersion	≤0.10ps
Directivity	≥ 55dB
Return Loss	≥ 50dB
Optical Power	≤ 300mW
Operating Temperature	0 to +70°C
Storage Temperature	- 40 to +85°C
Package Dimensions	A= Standard, Φ5.5xL34 (250um fiber) Φ5.5xL38 (900um fiber)

All values referenced are without connector.

FEATURES

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

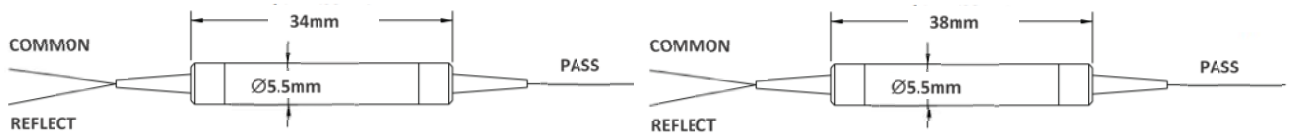
APPLICATION

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

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MECHANICAL DIMENSIONS

A Package



PORT CONFIGURATIONS



ORDERING INFORMATION

MWDM								
Wavelength	Port	Package	Fiber Type*	Pigtail Style	Fiber Length	In Connector	Out Connector	
6370= 1500 ~ 1563nm pass / 1570 ~ 1610 nm reflected	102=1x2	A= A package	2=SMF-28 Ultra (G.657.A1)	1=Bare fiber	05=0.5m	0= None	0= None	
			3=ClearCurve ZBL(G.657.B3)	2=900um loose tube	10=1.0m	1= FC/APC	1= FC/APC	
7063= 1570 ~ 1610nm pass / 1500 ~ 1563nm reflected					.	2= FC/PC	2= FC/PC	
					.	3= SC/APC	3= SC/APC	
					.	4= SC/PC	4= SC/PC	
					20=2.0m	5= ST	5= ST	
						6= LC/UPC	6= LC/UPC	
	7= LC/APC	7= LC/APC						

*1=SMF-28(G.652) is available upon request.