



16-Channel Coarse Wavelength Division Multiplexer

AC Photonics' Coarse Wavelength Division Multiplexer (CWDM) utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging. It provides low insertion loss, high channel isolation, wide pass band, low temperature sensitivity and epoxy free optical path. All AC Photonics' products are Telcordia qualification tested.



Features

- Low Insertion Loss
- Wide Passband
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free on Optical Path
- Access Network

Applications

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical Amplifier

Performance Specifications

Parameter		MUX	DEMUX
Operating Wavelength (nm)		1310,1330,1350,1370,1390,1410,1430,1450,1470,1490,1510,1530,1550,1570,1590,1610	
Center Wavelength Accuracy (nm)		± 0.5	
Channel Spacing (nm)		20	
Channel Passband (@-0.5dB bandwidth) Min.(nm)		≥13	
Insertion Loss (dB)		≤ 3.5	
Channel Uniformity (dB)		≤ 1.0	
Channel Ripple (dB)		≤ 0.5	
Isolation (dB)	Adjacent	N/A	≥30
	Non-adjacent	N/A	≥40
PDL (dB)		≤0.10	
Polarization Mode Dispersion (ps)		≤0.1	
Directivity (dB)		≥50	
Return Loss (dB)		≥45	
Power Handling (mW)		300	
Operating Temperature (°C)		0 ~+70	
Storage Temperature (°C)		-40 ~+85	
Dimensions (mm)		L150 x W95 x H20	

Specifications may change without notice

Ordering Information

CWDM	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Channel Spacing	Number of Channels	Configuration	1st Channel	Pigtail Style	Fiber Length	In/Out Connector
	C=CWDM Grid	16=16 Channel	M=Mux D=DeMux	310=1310nm 330=1330nm 570=1570nm	1= Bare Fiber 2=900um Jacket 3=3mm Cable	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

Dimensions

