

4,8,16,18-channel CWDM OADM Module



Features

- Low insertion loss
- Wide pass band
- 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
- Access Network

Performance Specifications

Parameter		4 Channel		8 Channel		16 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)		1270~ 1610					
Center Wavelength Accuracy (nm)		±0.5					
Channel Spacing (nm)		20					
Channel Passband (@-0.5dB bandwidth) (nm)		>13					
Insertion Loss (dB)		≤ 1.6		≤ 2.5		≤ 4.5	
Channel Uniformity (dB)		≤ 0.6		≤ 1.0		≤ 1.5	
Channel Ripple (dB)		<0.3					
Isolation (dB)	Adjacent	N/A	>30	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	N/A	>40	N/A	>40
Insertion Loss Temperature Sensitivity (dB/°C)		<0.005					
Wavelength Temperature Shifting (nm/°C)		<0.002					
Polarization Dependent Loss (dB)		<0.1					
Polarization Mode Dispersion (ps)		<0.1					
Directivity (dB)		>50					
Return Loss (dB)		>45					
Maximum Power Handling (mW)		300					
Operating Temperature (°C)		-5 ~+75					
Storage Temperature (°C)		-40 ~+85					
Package Dimension (mm)		L100 x W80 x H10				L142x W102 x H14.5	

Above specification are for device without connector.



Ordering Information

CWDM	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	Connector
	C=CWDM Grid	04=4Channel 08=8Channel 16=16Channel 18=18Channel N=NChannel	M=Mux D=Demux O=OADM	27=1270nm 47=1470nm 49=1490nm 61=1610nm SS=special	1=Bare Fiber 2=900um loose tube 3=2mm Cable 4=3mm Cable	1=1m 2=2m 3=special	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC