



# 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/ )	<0.005						
Wavelength Temperature Shifting (nm/ )	<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 ( )	-5 ~+75						
Storage Temperature ( )	-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	<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	Fiber Type	Fiber Length	Connector
	C=CWDM Grid	04=4 Channel 08=8 Channel 16=16 Channel 18=18 Channel N=N Channel	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