

4,8,16,18-CH CWDM Mux/Demux Packed in 19" Rack

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	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	<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	L142 x W102 x H14.5

Nomenclature:

CWDM	X	XX	X	XX	X	X	XX
	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	In/Out 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=2mmCable 4=3mmCable	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC S=Specify