

CWDM MUX/DEMUX

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)	>15					
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
	Non-adjacent		N/A	>40	N/A	>40
Inertion Loss Temperature Sensitivity (dB/□)	<0.005					
Wavelength Temperature Shifting (nm/□)	<0.002					
Polarization Dependent Loss (dB)	<0.1					
Polarization Mode Dispersion	<0.1					
Directivity (dB)	>50					
Return Loss (dB)	>50					
Maximum Power Handling (mW)	300					
Operatng Temperature (□)	-5~+75					
Storage Temperature (□)	-40~85					
Package dimension (mm)	L100 x W80 x H10			L141 x W115 x H18		

Specification may change without notice.

Above specification are for device without connector.

CWDM MUX/DEMUX

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=2mm Cable 4=3mm Cable	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