

CWDM/OADM Module

Product Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- Epoxy-free on Optical Path/ Access Network

Product Applications

- Line Monitoring
- Test Instrumentations
- Fiber Sensors
- Fiber Optical amplifier

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		≤4.0			
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
Inertion 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)	1. L100 x W80 x H10 (for 2 CH~8CH) 2. L140xW100xH15 (for 9 CH~18CH)							

* Above specifications are for devices without connectors

Ordering Information					
Configuration	Number of Channels	1st Channel	Fiber Type	Fiber Length	In/Out Connector
M=Mux D=Demux O=OADM	04=4 Channel 08=8 Channel 16=16 Channel 18=18 Channel N=N Channel	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=1.5m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=LC