

## 4-CH Coarse Wavelength Division Multiplexer Module

### Features

- Low insertion loss
- Wide pass band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

### Applications

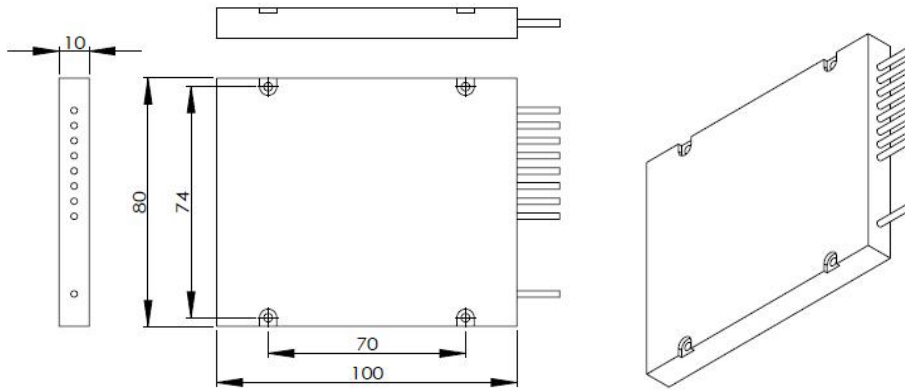
- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber optical amplifier
- Access Network

### Performance Specifications

Parameters		4-CH Mux	4-CH Demux
Channel Wavelength (nm)		1471/1491/1511/1531	
Center Wavelength Accuracy (nm)		± 0.05	
Channel Spacing (GHz)		20nm	
Channel Passband (@-0.5dB bandwidth (nm))		>13	
Insertion Loss (dB)	1471-1531nm(MUX or DEMUX)	≅ 1.7	
	MUX+DEMUX	≅ 2.7	
Channel Ripple (dB)		≅ 0.5	
Isolation (dB)	Adjacent	≅ 30	
	Non-adjacent	≅ 40	
Polarization Dependent Loss (dB)		≅ 0.2	
Polarization Mode Dispersion (ps)		≅ 0.2	
Return Loss (dB)		≅ 45	
Directivity		≅ 45	
Max Power Handling (mW)		300	
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature (°C)		-40 ~ +85	
Package Dimension (mm)		L100 x W80x H10	

Note: All parameters are for device without connectors.

**ABS box Dimension:**100×80×10 mm



### Ordering Information

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-CH 08=8-CH 16=16-CH 18=18-CH N=N-CH	M=Mux D=Demux	27=1270/1271nm ..... 47=1470/1471nm 49=1490/1491nm ..... 61=1610/1611nm 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