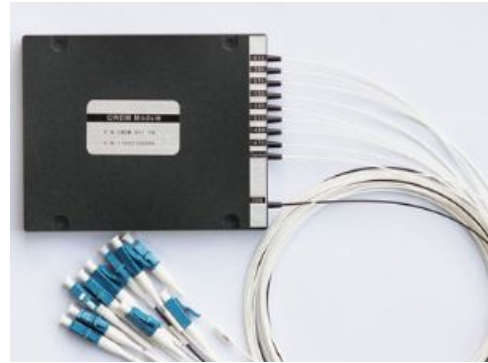


8+1-CH Coarse Wavelength Division Multiplexer Module

Features:

- ◆ Low Insertion Loss
- ◆ Wide Passband
- ◆ High Channel Isolation
- ◆ High Stability and Reliability
- ◆ Epoxy-free on Optical Path



Applications:

- ◆ Line Monitoring
- ◆ WDM Network
- ◆ Telecommunication
- ◆ Cellular Application
- ◆ Fiber Optical Amplifier
- ◆ Access Network

Performance Specifications:

Parameters		8+1-CH Mux	8+1-CH Demux
Channel Wavelength (nm)		1270-1610 or 1271-1611	
Center Wavelength Accuracy (nm)		± 0.05	
Channel Spacing (GHz)		20nm	
Channel Passband (@-0.5dB bandwidth (nm)		>13	
Insertion Loss (dB) (Without skip component)		≅ 2.8	
Insertion Loss (dB) (With skip component)		≅ 2.0	
Channel Uniformity (dB)		≅ 0.6	
Channel Ripple (dB)		≅ 0.3	
Isolation (dB)	Adjacent	≅ 30	
	Non-adjacent	≅ 40	
	Express Port	≅ 12	
Insertion Loss Temperature Sensitivity (dB/°C)		≅ 0.005	
Wavelength Temperature Shifting (nm/ °C)		≅ 0.002	

Polarization Dependent Loss (dB)	$\cong 0.1$
Polarization Mode Dispersion (ps)	$\cong 0.1$
Return Loss (dB)	$\cong 50$
Directivity	$\cong 45$
Max Power Handling (mW)	300
Operating Temperature (°C)	-5 ~ +75
Storage Temperature (°C)	-40 ~ +85
Package Dimension (mm)	L100 X W80 X 10

Nomenclature:

CWDM	X	XX	X	XX	X	X	X
	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