wavelength division multiplexer

100G, 200G DWDM Module(4,8,16 Channels)

Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

Applications

- Channel add/drop
- ·DWDM network
- Wavelength routing
- Fiber optical amplifier
- CATV fiberoptic system

Performance Specifications

Parameter		4 Channels		8 Channels		16 Channels	
		Mux	Demux	Mux	Demux	Mux	Demux
Center Wavelength (nm)		ITU Grid					
Channel Spacing (GHz)		100 /200					
Channel Passband (@-0.5dB bandwidth) (nm)		≥0.22(100G)/ ≥0.5(200G)					
Insertion Loss (dB)		≤1.8		≤3.0		LoW <3.5 Standard<5.0	
Channel Ripple (dB)		≤0.5					
Isolation (dB)	Adjacent	≥30					
	Non-adjacent	≥40					
Insertion Loss Temperature Sensitivity (dB)		≤0.5					
Wavelength Temperature Shifting(nm/℃)		≤0.001					
Polarization Dependent Loss (dB)		≤0.2					
Polarization Mode Dispersion (ps)		≤0.1					
Directivity (dB)		≥45					
Return Loss (dB)		≥45					
Maximum Power Handling (mW)		300					
Operating Temperature (℃)		-10~+70					
Storage Temperature (℃)		-40~+85					
Package Dimension (mm)		L100 x W80 xH10			L120 x W80 x H18		
		19"1U Rackmount					

Above specifications are for devices without connector.
Specifications may change without notice.

Ordering Information

CWDM	□	□□	□	□	□	□
	Channel Spacing	Pass Channel	Package	Fiber Diameter	Fiber Length	Connector
	C=20nm	27=1270nm	1=Steel Tube	0=250 μ m	1=1m	O=None
		.....	2=ABS Box Module	1=900 μ m	2=2m	1=FC/APC
		47=1470nm	3=Specify	2=2.0mm	S=Specify	2=FC/UPC
		49=1490nm		3=3.0mm		3=SCI/APC
		.....				4=SC/UPC
		61=1610nm				5=LC/APC
						6=LC/UPC
						7=ST
						s=Specify