wavelength division multiplexer

100G, 200G 1X2 DWDM Device (3 Ports)

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		Specification	
Center Wavelength (nm)		ITU Grid	
Channel Spacing (GHz)		100	200
Channel Passband (@-0.5dB bandwidth)(nm)		≥0.22	≥0.5
Pass Channel Insertion Loss (dB)		≤1.0	≤0.9
Reflection Channel Insertion Loss (dB)		≤0.4	≤0.4
Isolation (dB)	Pass Channel	≥30	
	Reflect Channel	≥13	
Insertion Loss Temperature Sensitivity (dB)		≤0.3	
Wavelength Temperature Shifting (nm/℃)		≤0.001	
Polarization Dependent Loss (dB)		≤0.1	
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)	For 250 μ m, 900 μ m	⌀ 5.5×L38	
	For 2.0mm. 3.0mm	L90 x W20 ×H10	

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

Ordering Information

CWDM	□	□□	□	□	□	□
	ITU	Pass Channel	Package	Fiber Diameter	Fiber Length	Connector
	1=100G	01=Ch01	1=Steel Tube	0=250 μ m	1=1m	O=None
	2=200G	02=Ch02	2=ABS Box Module	1=900 μ m	2=2m	1=FC/APC
		.....	3=Specify	2=2.0mm	S=Specify	2=FC/UPC
		60=Ch60		3=3.0mm		3=SCI/APC
						4=SC/UPC
						5=LC/APC
						6=LC/UPC
						7=ST
						s=Specify