

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
Channel Wavelength (nm)	ITU 100GHz 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/°C)	≤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 (°C)	-10~+70					
Storage Temperature (°C)	-40~+85					
Package Dimension (mm)	L100 x W80 x H10				L120 x W80 x H18	
	19" 1U Rackmount					

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



Ordering Information

DWDM	Channel Spacing	Number of Channels	1st Channel	Package	Fiber Diameter	Fiber Length	Connector
	1=100GHz 2=200GHz	04=4 Channels 08=8 Channels 16=16 Channels N=N Channels S=Specify	21=Ch21 34=Ch34 60=Ch60	1=ABS Box Module 2=Rackmount 3=LGX Box 4=Insert Box 5=Specify	0=250μm 1=900μm 2=2.0mm 3=3.0mm	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify