

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

Features

- ITU channel spacing
- 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	
	Add	Drop	Add	Drop
Channel Wavelength (nm)	ITU Grid			
Channel Spacing (GHz)	100 / 200			
Channel Passband (@-0.5dB bandwidth) (nm)	≥0.22 (100G) / ≥0.5 (200G)			
Insertion Loss (dB)	In---Drop@drop	2.0	3.2	
	Add---Out@add	2.0	3.2	
	In---Out@other	2.5	5.0	
Isolation @Add/Drop Channel (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) (Input to add, Output to drop, add to drop)	≥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

OADM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Channel Spacing	Number of Channels	1st Channel	Package	Fiber Diameter	Fiber Length	Connector
	1=100G Grid 2=200G Grid	04=4 Channels 08=8 Channels	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