

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

Features:

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



Applications:

- ◆ Channel Add/Drop
- ◆ DWDM Network
- ◆ Wavelength Routing
- ◆ Fiber Optical Amplifier
- ◆ CATV Fiber Optical System
- ◆ Access Network

Performance Specifications:

Parameter	4 Channel		8 Channel		
	Add	Drop	Add	Drop	
Channel Wavelength (nm)	ITU Grid				
Center Wavelength Accuracy (nm)	± 0.05 (100G) / ± 0.1 (200G)				
Channel Spacing (GHz)	100				
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		
Add/Drop Channel Ripple (dB)	<0.3				
Isolation @Add/Drop Channel	Adjacent	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	N/A	>40
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005				

Wavelength Temperature Shifting (nm/°C)	<0.002
Polarization Dependent Loss (dB)	<0.1
Polarization Mode Dispersion (ps)	<0.1
Directivity (dB) (Input to add, Output to drop, Add to drop)	>50
Return Loss (dB)	>45
Maximum Power Handling (mW)	500
Operating Temperature (°C)	-10~+75
Storage Temperature (°C)	-40~+85
Package Dimension (mm)	L100x80xH10

Specification may change without notice.

Above specification are for device without connector.

Nomenclature:

OADM	X	XX	XX	XX	X	X	XX
	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	In/Out Connector
	1=100GGrid 2=200GGrid	4=4CH 8=8CH	44=4x4 Add and Drop 8=8x8 Add and Drop	21=CH21 34=CH34 50=CH50	1=Bare fiber 2=900um loose tube 3=2mmCable 4=3mmCable	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