

## 200GHz DWDM Module (4, 8, 16 Channel)

### Features:

- ◆ 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

### Performance Specifications:

Parameter		4 Channel		8 Channel		16 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)		ITU 200GHz Grid					
Center Wavelength Accuracy (nm)		±0.1					
Channel Spacing (nm)		100					
Channel Passband (@-0.5dB bandwidth (nm))		>0.25					
Insertion Loss (dB)		≤1.6		≤3.5		≤5.2	
Channel Uniformity (dB)		≤0.6		≤1.0		≤1.5	
Channel Ripple (dB)		0.3					
Isolation (dB)	Adjacent	N/A	>30	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	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		<0.1		<0.15	
Polarization Mode Dispersion		<0.1					
Directivity (dB)		>50					

Return Loss (dB)	>45	
Maximum Power Handling (mW)	300	
Operating Temperature (°C)	-5~+75	
Storage Temperature (°C)	-40~85	
Package Dimension (mm)	L100 x W80 x H10	L142 x W102 x H14.5

Specifications may change without notice.

Above specification are for device without connector.

### Nomenclature:

DWDM	X	XX	X	XX	X	X	XX
	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	In/Out Connector
	1=200GHz	04=4 Channel 08=8 Channel 16=16 Channel	M=Mux D=Demux	21=Ch21 ..... 34=Ch34 ..... 50=Ch50 .....	1=Bare fiber 2=900um loose tube 3=2mm cable 4=3mm cable	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