

100GHz 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 Optic System

Performance Specifications:

Parameter	4 Channel		8 Channel		16 Channel		
	Mux	Demux	Mux	Demux	Mux	Demux	
Channel Wavelength (nm)	ITU 100GHz Grid						
Center Wavelength Accuracy (nm)	±0.1						
Channel Spacing (nm)	100						
Channel Passband (@-0.5dB bandwidth (nm))	>0.25						
Insertion Loss (dB)	≤1.8		≤3.7		≤5.5		
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=100GHz	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