

100GHz DWDM Module (4,8,16channel)



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 Channel		8 Channel		16 Channel		
	Mux	Demux	Mux	Demux	Mux	Demux	
Channel Wavelength (nm)	ITU 100GHz Grid						
Channel Spacing (GHz)	100						
Channel Passband (@-0.5dB bandwidth) (nm)	>0.3						
Insertion Loss (dB)	≤1.8		≤3.0		≤4.5		
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 (ps)	<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				L141xW115 x H18 L120 x W80 x H18		

Specifications may change without notice.

Above specification are for device without connector.

Ordering Information

DWDM	<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	Configuration	1st Channel	Fiber Type	Fiber Length	Connector
	1=100GHz	04=4 Channels 08=8 Channels 16=16 Channels	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	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC