

# DWDM Module

## Features :

Low IL  
Wide pass band  
High Channel Isolation  
High Stability and reliability  
Epoxy-free on Optical Path

## Application :

Channel Add/Drop  
DWDM Network  
Wavelength Routing  
Fiber Optical Amplifier  
CATV fiber optic system



Specifications						
Item	Unit	Parameters				Notes
Channel Spacing	GHz	100		200		
Wavelength Range	nm	C- or L-band ITU channels 186.6 to 196.1 THz				
Channel Centers	nm	ITU				
Channels	ch	4	8	4	8	
Passband	GHz	≥ +/- 12.5		≥ +/- 33		
Passband Ripple	dB	≤ 0.5				
Channel Insertion Loss	dB	2.0	3.0	2.0	3.0	
Optional Express Insertion Loss(UPG)	dB	1.8	2.8	1.8	2.8	
Isolation (adjacent channel)	dB	≥30				
Isolation (non-adjacent channel)	dB	≥ 50				
Polarization Dependent Loss	dB	≤ 0.2				
Polarization Mode Dispersion	ps	≤ 0.2				
Directivity	dB	≥ 50				
Return Loss	dB	≥ 45				
Optical Power Handling	mW	≤ 500				
Operating Temperature Range	°C	-5 to 70				
Storage Temperature Range	°C	-40 to +85				
Fiber Type	NA	SMF-28e+				
Package dimensions (L x W x H)	mm	100 x 80 x 10				ABS
*1.All parameters are without connectors						
*2.Connector Loss: 0.2dB/each added						

Ordering Options						
Channel Spacing	Chanel No.	Type	First Chanel	Fiber Type	Fiber Length	Connector Type
1=100GHz 2=200GHz	04=4CH 08=8CH 16=16CH N=N S=CUSTOM	M=Mux D=Demux	21=CH21 ..... 34=CH34 ..... 60=CH60	0=Bare fiber 1=900um 2=2.0mm 3=3.0mm	1=1m 2=2m S=Custom	0=No Connector 1=LC/APC 2=LC/UPC 3=SC/APC 4=SC/UPC S=Custom