

DWDM Mux/Demux Module

Features

- ◆ Low Insertion Loss
- ◆ High isolation
- ◆ Low PDL
- ◆ Flexible packages for different installing environment
- ◆ Compliance with RoHS

Applications

- ◆ Metro Access
- ◆ DWDM System
- ◆ PON Networks
- ◆ CATV Links
- ◆ Single/Dual fiber Bidirection links
- ◆ Unidirection rings

Specification

Channel Space (GHz)		100			200		
Channel Number		1*4	1*8	1*16	1*4	1*8	1*16
Center Wavelength (nm)		ITU Grid					
Center Wavelength Accuracy (nm)		± 0.05			± 0.1		
Channel Passband (@-0.5dB) (nm)		0.22			0.5		
Fiber Type		SMF-28e or customer specified					
IL (dB)		1.8	3	4	1.7	2.9	3.8
Passband Ripple (dB)		0.35	0.4	0.5	0.35	0.4	0.5
Isolation (dB)	Adjacent Channel	25			28		
	Non-Adjacent Channel	40					
Passband Ripple (dB)		0.4					
PDL (dB)		0.2					
PMD (ps)		0.1					
RL (dB)		45					
Directivity (dB)		50					
Maximum Optical Power (mw)		300					
Operating Temperature (°C)		-5~65					
Storage Temperature (°C)		-40~85					
BOX Package (mm)		100*80*10	140*115*18	100*80*10	140*115*18	100*80*10	140*115*18
LGX Box Package		1U (156*129*30)					
19" Rack mount Package		1U					
1/2 19" Rack-mountable chassis		215*200*21					
1/4 19" Rack-mountable chassis		215*200*17					
Connector loss not included							

Packages



Ordering Information

GLWM	WDM type	Number of channels	Module type	Package type	Initial wavelength	Cable type	Cable length	Connector	
								input	output
GB-Link WDM Module	C=CWDM	02=2 channels	M=Mux	ST=steel tube	27=1270nm	B=250um bear fiber	03=0.3m	0=No connector	
	CC=CCWDM	04=4 channels	D=Demux	BX=Box	...	T=tight buffer	05=0.5m	1=SC/APC	
		...	MD=Mux&Demux	LG=LGX case	61=1610nm	09=0.9mm loose tube	10=1m	2=SC/UPC	
	D1=100G DWDM	10=10 channels	MU=Mux+Upgrade	19=1U 19" Rack	21=C21	20=2.0mm loose tube	15=1.5m	3=LC/APC	
		16=16 channels	DU=Demux+Upgrade	12C=1/2 19"rack chassis	...	30=3.0mm loose tube	20=2m	4=LC/UPC	
	D2=200G DWDM		MS=Mux + 1310 supervisory port	14C=1/4 19"rack chassis	40=C40	C=Customized	C=client specified	5=FC/APC	
			DS=Demux + 1310 supervisory port	XX=customized type	41=C41			6=FC/UPC	
			MM=Mux with taped monitor port					ST=ST connector	
			DM=Demux with taped monitor port					MU=MU connector	
			... DUM=Demux +upgrade+tapped monitor port						

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