深圳市光辉通信技术有限公司
Shenzhen GB-Link Technology Co,. LTD
Http//www.GB-Link.com

CWDM Mux/Demux Module

Feature

◆Low Insertion Loss

◆High isolation

◆Low PDL

◆Flexible packages for different installing enviroment

◆Compliance with RoHS

Applications

◆Metro Access

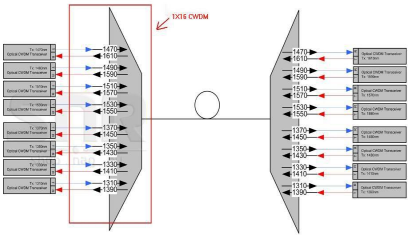
◆CWDM System

◆PON Networks

◆CATV Links

◆Single/Dual fiber Bidirection links

◆Unidirection rings



Specification

Parameters		1x2	1x4	1x8	1x16
Center Wavelength (nm)		ITU, ITU+1			
Passband (nm)		ITU±6.5			
Operating Wavelength (nm)		1460~1620 or 1260~1620			
Fiber Type		SMF-28e or customer specified			
IL (dB) (P/A Grade)		0.7/1.0	1.4/1.7	2.0/2.5	3.5/4.0
Isolation (dB)	Adjacent Channel	30			
	Non-Adjacent Channel	50			
Ripple (dB)		0.3	0.4	0.5	0.5
PDL (dB)		0.2			
PMD (ps)		0.1			
RL (dB)		45			
Directivity (dB)		50			
Maximum Optical Power (mw)		500			
Operating Temperature (℃)		-40～85			
Storage Temperature (℃)		-40～85			
BOX Package (mm)		100*80*10			140*115*18
LGX Box Package		1U（156*129*30）, 2U			
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					

Package

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		40=C40	C=Customerized	C=client specified	5=FC/APC	
			DS=Demux + 1310 supervisory port	14C=1/4 19"rack chassis	41=C41			6=FC/UPC	
			MM=Mux with taped monitor port					ST=ST connector	
			DM=Demux with taped monitor port	XX=customerized type				MU=MU connector	
			... DUM=Demux +upgrade+tapped monitor port						

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