

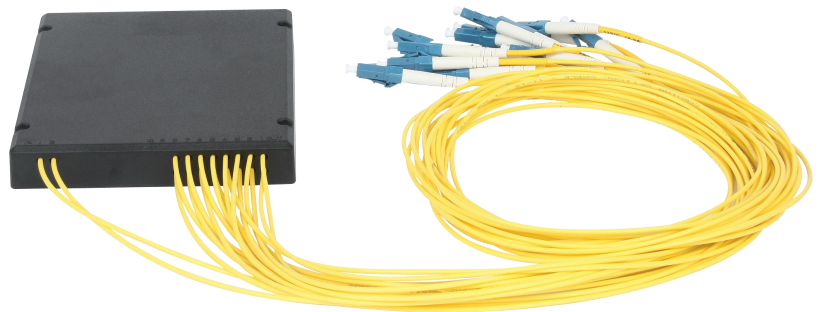


Dense Wavelength Division Multiplexing Module

DONGWE's DWDM module is compact and has the properties of low insertion loss, low crosstalk, and wide passband with high isolation, which enables users to establish a low cost bi-directional optical communication system.

Key Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ Compact Design
- ◆ Good channel-to-channel uniformity
- ◆ Wide Operating Wavelength: From 1460nm to 1620nm
- ◆ Wide Operating Temperature: From -40 to 85°C



Applications

- ◆ DWDM System
- ◆ PON Networks
- ◆ CATV Links

Compliance

- ◆ Telcordia GR-1209-CORE-2001
- ◆ Telcordia GR-1221-CORE-1999
- ◆ ITU-T G.694.1
- ◆ RoHS



DWDM Specifications
1×N DWDM Mux/Demux Module

Parameters								
Channel Space (GHz)		100				200		
Channel Number		1*1	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 with 900um loose tube or customer specified						
IL (dB)		0.8	1.8	3.0	4.0	1.7	2.9	3.8
Passband Ripple (dB)		0.3	0.35	0.4	0.5	0.35	0.4	0.5
Isolation (dB)	Adjacent Channel	25				28		
	Non-Adjacent Channel	40						
PDL (dB)		0.2						
PMD (ps)		0.1						
RL (dB)		45						
Directivity (dB)		50						
Maximum Optical Power (mw)		300						
Operating Temperature (°C)		-40~85						
Storage Temperature (°C)		-40~85						
BOX Package (mm)		90*20*9.5	100*80*10	140*114*18	100*80*10	120*80*18	140*114*18	
LGX Package		1U,2U						
19" Rack mount Package		1U						

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

Ordering Information

DW-	X	XX	X	XX	X	X	XX
	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	In/Out Connector
	1=100GHz 2=200GHz	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

Add:4/F,Block C,Xintianxia Industrial City,Bantian Street,Longgang District,Shenzhen,China

Tel: 86-755-85292799 Fax: 86-755-86151614

Email: sales@dongwe.cn



HONGKONG DONGWE TECHNOLOGIES CO.,LTD

香港东为科技有限公司

www.dongwe.cn

Add:4/F,Block C,Xintianxia Industrial City,Bantian Street,Longgang District,Shenzhen,China

Tel: 86-755-85292799 Fax: 86-755-86151614

Email: sales@dongwe.cn