

ABS Box Type 8CH CWDM

Place of Origin: Shenzhen, China

Brand Name: OPTICO

Model Number: WDM-08

Item: 8 channels CWDM unit

Wavelength: 1270-1610nm/1271-1611nm

Application: DWDM Network Add/Drop System CATV Fiberoptic System

Fiber Type: 1*8

Connectors: SC/LC/FC(UPC/APC) CONNECTORS

Material: PVC;ABS

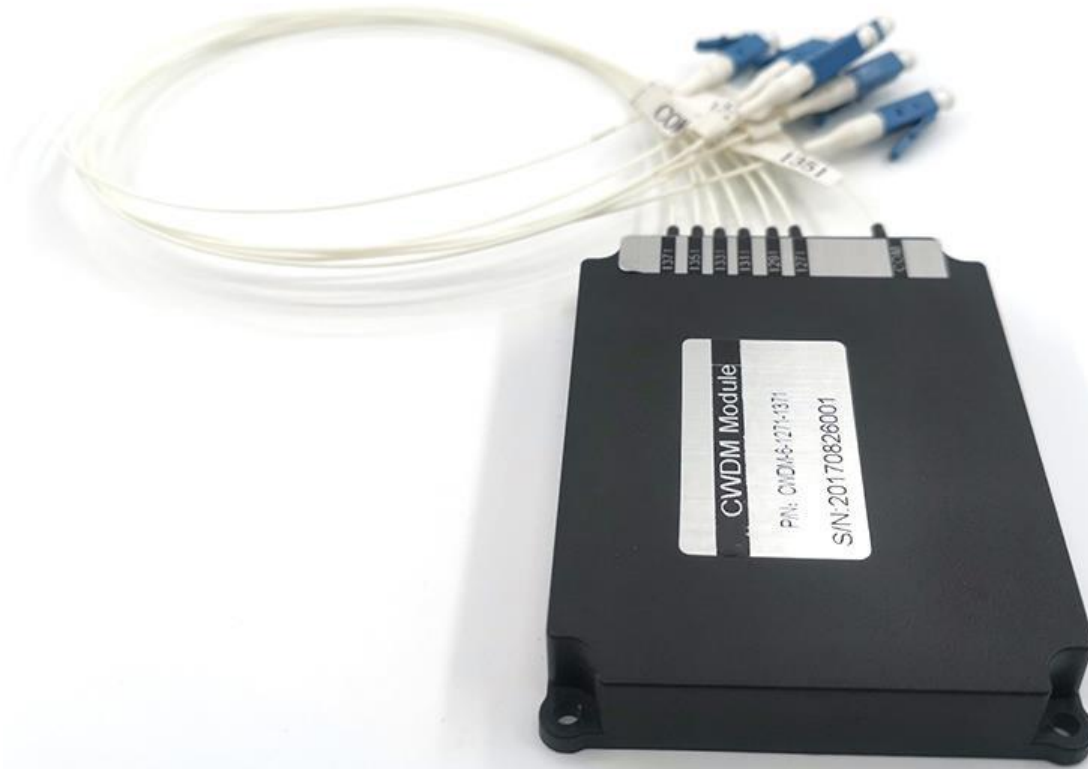
Operating temperature: -20°C ~ +75°C;

Option channel: 8 channels

Warranty: 1~3 Years

Package type: Mini package, Module package, Frame package

Supply Ability: 10000 Piece/Pieces per Month



Descriptions:

Wavelength Division Multiplexing (WDM) is to combine two or more optical carrier signals of different wavelengths (carrying various kinds of information) at the transmitting end through a multiplexer. A technique of transmitting into the same fiber of an optical line; at the receiving end, a demultiplexer separates optical carriers of various wavelengths and then is separated by light. The receiver performs further processing to recover the original signal. This technique of transmitting two or more different wavelength optical signals simultaneously in the same fiber.

Features:

Low insertion loss;

Low polarization dependant loss;

High isolation;
High reliability and stability;

Technical Specifications

Parameter	4 Channel	8 Channel	16 Channel				
Mux	Demux	Mux	Demux	Mux	Demux		
Channel Wavelength(nm)	1270~1610						
Center wavelength Accuracy(nm)	±0.5						
Channel Spacing(nm)	20						
Channel Pass band(@-0.5dB bandwidth (nm)	>14						
Insertion Loss(dB)	≤1.4	≤2.6	≤5.0				
Channel Uniformity (dB)	≤0.5	≤0.5	≤0.5				
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						
Polarization Mode Dispersion (PS)	<0.1						
Directivity (dB)	>50						
Return Loss(dB)	>45						

Maximum Power Handling(mW)	500						
Operating Temperature(°C)	-5~+75						
Storage Temperature (°C)	-40~85						
Package dimension(mm)	1. L100 x W80 x H10 (2 CH~8CH Module)						
	2. L120xW800xH18 (9 CH~18CH Module)						

Remark: Above is without connectors,if with connectors,add more 0.2dB.

Order Information

Configuration	Channel No.	Channel	Pigtail Type	Fiber length	Dimensio(mm)	Connector
M=Mux D=Demux	04=4 Channel 08=8 Channel 16=16 Channel N=N Channel	27=1270nm 47=1470nm 49=1490nm 61=1610nm SS=special...	0=250um 1=900um 2=2.0mm 3=3.0mm	1=1m 2=1.5m 3=others	1=L100 x W80 xH10 2=L120xW80xH18 3=19 1U Rack	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=other

Certificates:



CE

Type Test Report
Report No. 201411552E

Test Report No.:	201411552E 001	Order No.:	201411552E	Page 1 / 4
Client:	OPTICO COMMUNICATION CO., LIMITED No. 2, Shengyi Industrial Park, Qianhai Industrial Zone, Shenzhen Tian, Shenzhen, China			
Test Item:	Electromagnetic Compatibility			
Manufacturer and Manufacturing plant:	OPTICO COMMUNICATION CO., LIMITED No. 2, Shengyi Industrial Park, Qianhai Industrial Zone, Shenzhen Tian, Shenzhen, China			
Identification:	SC Patch Cord	Order No.:	201411552E	
Model No.:	1. SC/APC 2.0/2.0 SC/APC 3.0/3.0 SC/APC 4.0/4.0 SC/APC 5.0/5.0 SC/APC 6.0/6.0 SC/APC 7.0/7.0 SC/APC 8.0/8.0 SC/APC 9.0/9.0 SC/APC 10.0/10.0 SC/APC 11.0/11.0 SC/APC 12.0/12.0 SC/APC 13.0/13.0 SC/APC 14.0/14.0 SC/APC 15.0/15.0 SC/APC 16.0/16.0 SC/APC 17.0/17.0 SC/APC 18.0/18.0 SC/APC 19.0/19.0 SC/APC 20.0/20.0 SC/APC	Order of receipt:	2014.06.05	
Testing location:	EMC Measurement Lab, Shenzhen Optico Communication Co., Ltd. 11111 Shengyi Industrial Park, Qianhai Industrial Zone, Shenzhen Tian, Shenzhen, China			
Test specification:	GB 19102.1-2015 / IEC 61000-4-2:2015			
Test Results:	The test report performance is in good agreement with the requirements of the product standard. The test results are in accordance with the requirements of the product standard. The test results are in accordance with the requirements of the product standard.			
Classification:	N/A			
Testing Laboratory:	EMC Measurement Lab, Shenzhen Optico Communication Co., Ltd. 11111 Shengyi Industrial Park, Qianhai Industrial Zone, Shenzhen Tian, Shenzhen, China			
Checked by:	[Signature]			
Date:	2014.06.05			
Site:	Shenzhen, China			
Other Remarks:	None			
Preparation standard:	GB 19102.1-2015 / IEC 61000-4-2:2015			
Classification:	N/A			
Throughout the report a comma is used as the decimal separator.	None			

CPR



ISO



RoHS

Factory:

