

4 8 16 18 Channel WDM CWDM Mux Demux Module 1U Rack Mount

Place of Origin: Guangdong, China

Brand Name: OPTICO

Model Number: Fiber Optic Pen Cleaner, 4, 8,16CH

Application: FTTH FTTB FTTX Network

Product name: 4 8 16 18 Channel WDM CWDM Mux Demux Module 1U Rack Mount

External size: 1U 19 inch

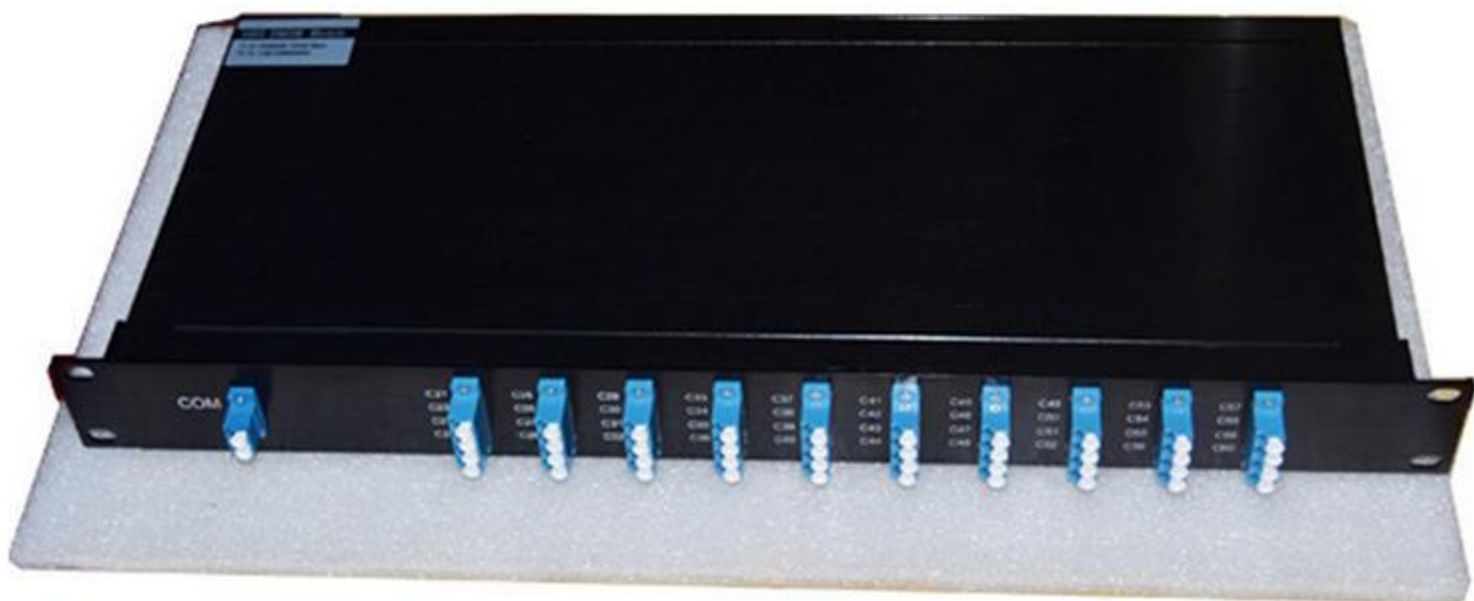
Connector: LC, SC, FC, ST

Type: Mux or Demux

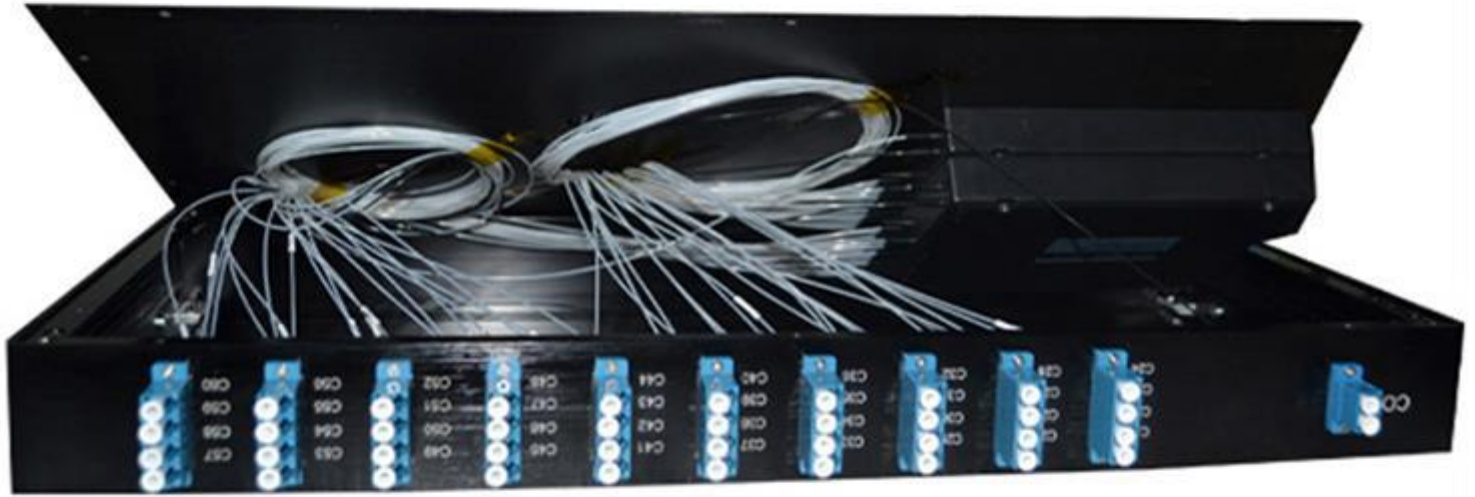
Wavelength: 1270~1610nm

Material: ABS Box or LGX Box or 1U(2U)Rackmount

Service: OEM&ODM is available.



CE  RoHS CPR  TÜV Rheinland®



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CWDM DEMUX Module can solve the shortage of fiber resources and transparent transmission of business,

and reduce the cost of network construction. With low-cost and compact dimension, it is mainly used in metropolitan area network and access layer, also be used to build networks.

Features of CWDM MDEMUX:

Low insertion loss

Low PDL

High channel isolation

Excellent environmental reliability

Applications of DWDM DEMUX:

1, network expansion and upgrade: you can convert any input optical wavelength to a fixed ITU-CWDM output optical wavelength, and simultaneously transmit up to a dozen optical signals in a single fiber, greatly expanding the transmission capacity and utilization of the fiber, Save time and cost of laying optical cables, and do not affect the original business when opening new services.

2. Hybrid transmission of various types of signals: Suitable for SDH, ATM, Ethernet, Fibre Channel equipment upgrades within 10Mb / s to 10Gb / s, long-distance line relay, analog signal transmission, and digital and analog signals Hybrid transmission in one fiber.

3. Mode conversion: It can complete the conversion of single-mode light waves into arbitrary single-mode and multi-mode light waves, which is suitable for various complicated network situations.

4, wavelength conversion: complete the conversion of any wavelength of single-mode or multi-mode light waves into CWDM wavelengths, or convert one CWDM wavelength to another arbitrary wavelength, and the transmission distance can reach hundreds of kilometers.

5, optical relay: multiple cwm can be connected in series to increase the transmission distance (up to hundreds of kilometers).

6, security networking: cwm can be used to form multiple optical fiber networks (OPNs) in a single pair of fibers to isolate each other on physical channels, which completely protects the network from all software viruses and hackers. VPN, especially suitable for government, public security, banking and other fields.

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)

Certification: ISO, CE, ROHS, CPR



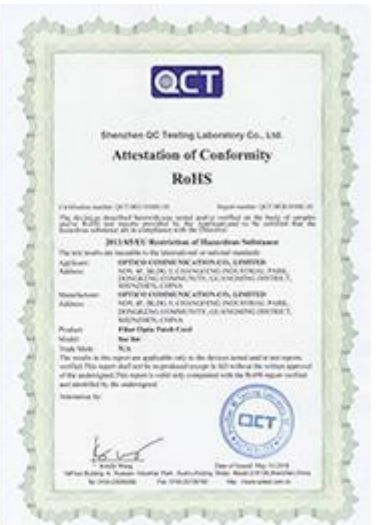
CE



CPR



ISO



RoHS

CWDM Factory OPTICO:



Shenzhen Optico Communication Co.,Ltd

