4 8 16 18 channel WDM CWDM DWDM Mux Demux Module

Quick Details

Place of Origin: Shenzhen, China

Brand Name: OPTICO or OEM

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

Application: FTTH FTTB FTTX Network

Product name: Fiber optic power meter and light source

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

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DWDM

WDM (Wavelength Division Multiplexing) Technology that is transmitted together and inserted into the same fiber of the optical line; at the receiving end, the demultiplexer (also known as a demultiplexer or demultiplexer, demultiplexer) transmits and receives light of various wavelengths A technology that separates the transmitters and then transmits two or more optical signals with different wavelengths in the same fiber at the same time is called wavelength division replacement.

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 m etropolitan area network and access layer, also be used to build networks.

Features

Low insertion loss

Low PDL

High channel isolation

Excellent environmental reliability

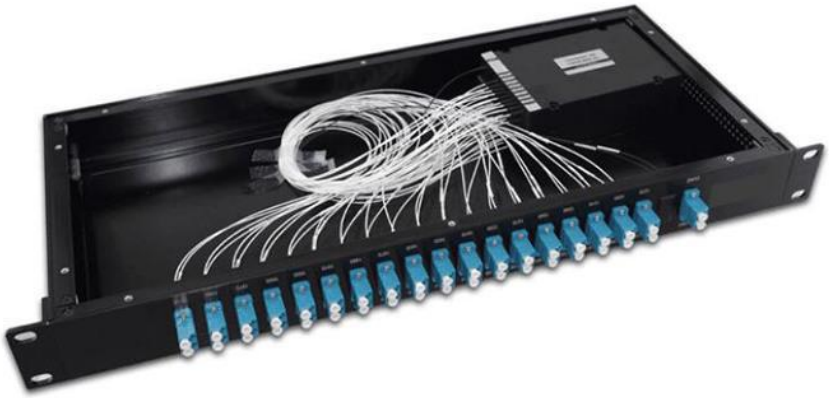
Applications

WDM system

CATV

MAN (Metropolitan Area Network)

Product Display:



Technical Specifications

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	<0.005						

Sensitivity (dB/℃)							
Wavelength Temperature Shifting (nm/℃)	<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(℃)	-5~+75						
Storage Temperature (℃)	-40~85						
Package dimension(mm)	1. L100 x W80 x H10 (2 CH~8CH Module)						
2. L120xW800xH18 (9 CH~18CH Module)							

Packaging: