

Dual Fiber 8CH C21-C28 DWDM MUX DEMUX, With 1310nm, Monitor and EXP Port, LC/UPC, 1U Rack



The 8ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C21 to C28(1560.61nm~1554.94nm),(By the way, we can support customize other waves); in accordance with the ITU-T G.694.1 100GHZ grid, it maximizes the capacity of the C-band range.

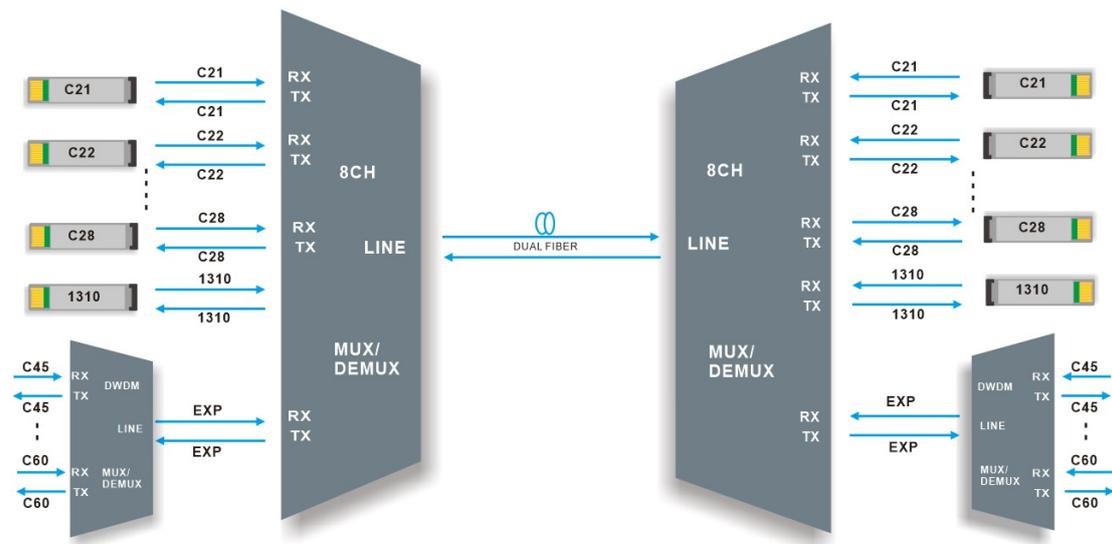
The 8ch DWDM with 1310nm port is totally passive DWDM device, and support low insertion loss( wavelength ports<2.4dB; 1310nm port<0.8dB). And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.

Product Panel



8CH DWDM MUX DEMUX Dual Fiber

- ◆ 1310nm port can support 1G LX/SX, 10G LR, 40G ER4/LR4, 100G LR/ER4/LR4/ZR4; it for Existing Legacy Traffic.
- ◆ Mon port is for network link monitoring or power monitoring, easy troubleshooting without affecting traffic.
- ◆ Expansion Port for Future Bandwidth Increasing, makes it possible to increase the network capacity by connecting it to the line port of another DWDM MUX/DEMUX supporting different wavelengths, without the need of installing or leasing additional fibers.

**Line Link**

**8CH DWDM MUX DEMUX Dual fiber transmission**

8 Channels DWDM MUX DEMUX and with 1310nm Port, supports 8 channels difference business in two optical fiber for point-to-point transmission.

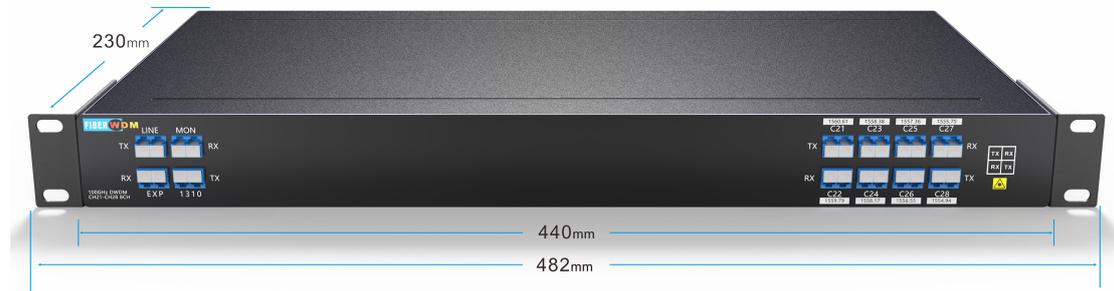
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

**Product Specification**

<b>Wavelength</b>	8channels C21-C28 ( or other waves)	<b>Channel Spacing</b>	100GHz (0.8nm)
<b>Channel Passband</b>	±0.11nm	<b>Technology</b>	TFF (Thin Film Filter)
<b>Insertion Loss</b>	≤ 2.4dB	<b>Link Loss</b>	≤ 3.2dB
<b>1310nm Port Pass Band Width</b>	1260nm~1360nm	<b>Center Wavelength Accuracy</b>	±0.05nm
<b>Insertion Loss @ 1310 port</b>	≤ 0.8dB	<b>Insertion Loss @ 1% Mon</b>	≤ 26dB
<b>Return Loss</b>	≥ 45dB	<b>Directivity</b>	≥ 45dB
<b>Polarization Mode Dispersion</b>	≤ 0.1ps	<b>Polarization Dependent Loss</b>	≤ 0.3dB
<b>Channel Isolation</b>	Adjacent ≥30dB Non-adjacent ≥ 45dB	<b>Temperature</b>	Operating -40 to 85°C Storage -40 to 85°C
<b>Net Weight</b>	1.5KG	<b>Dimensions (HxWxD)</b>	44*440*230mm

Note: Specified with connectors.

**Package Information**



**19" Inch 1U Rack**

**Order Information**

Product No.	Product description
DMD8-1U01-C2128-31M	DWDM MUX DEMUX 8CH (C21-C28) With EXP and 1310nm, Monitor Port, Dual fiber, LC/UPC , 1U Rack
DMD8-1U01-Cxxxx-31M	DWDM MUX DEMUX 8CH (Cxx-Cxx) With EXP and 1310nm, Monitor Port, Dual fiber, LC/UPC , 1U Rack (Customized)

**Note: We Support Customized Design, please contact us by email.**