

Dual Fiber 8CH C41-C48 DWDM MUX DEMUX, Monitor and EXP Port, LC/UPC, 1U Rack

The 8ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C41 to C48(1544.53nm~1538.98nm),(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 is totally passive DWDM device, and support low insertion loss(wavelength ports < 2.4dB). And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.

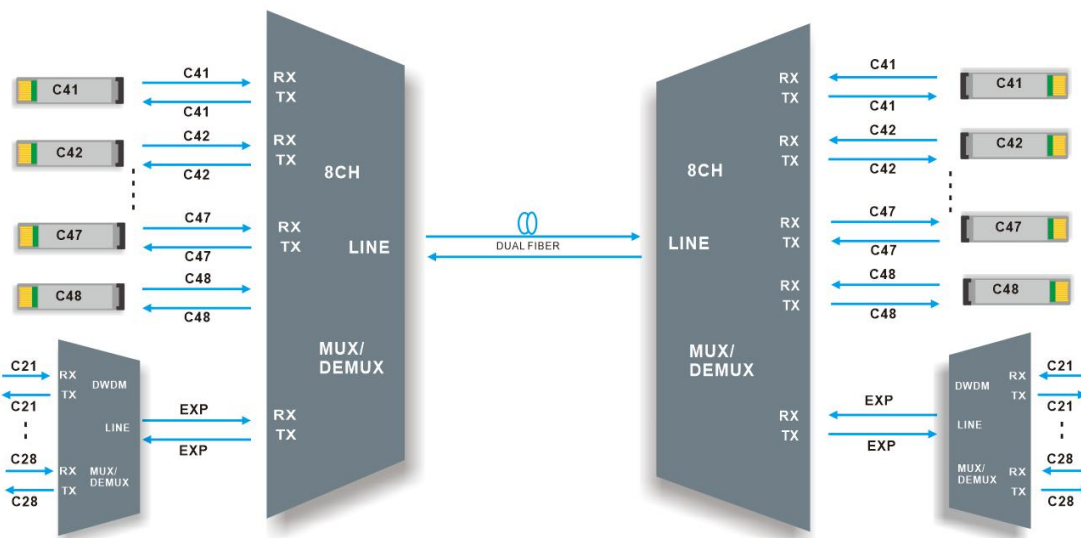
Product Panel



8CH DWDM MUX DEMUX Dual Fiber

- ◆ 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, supports 8 channels difference business in two optical fiber for point-to-point transmission.

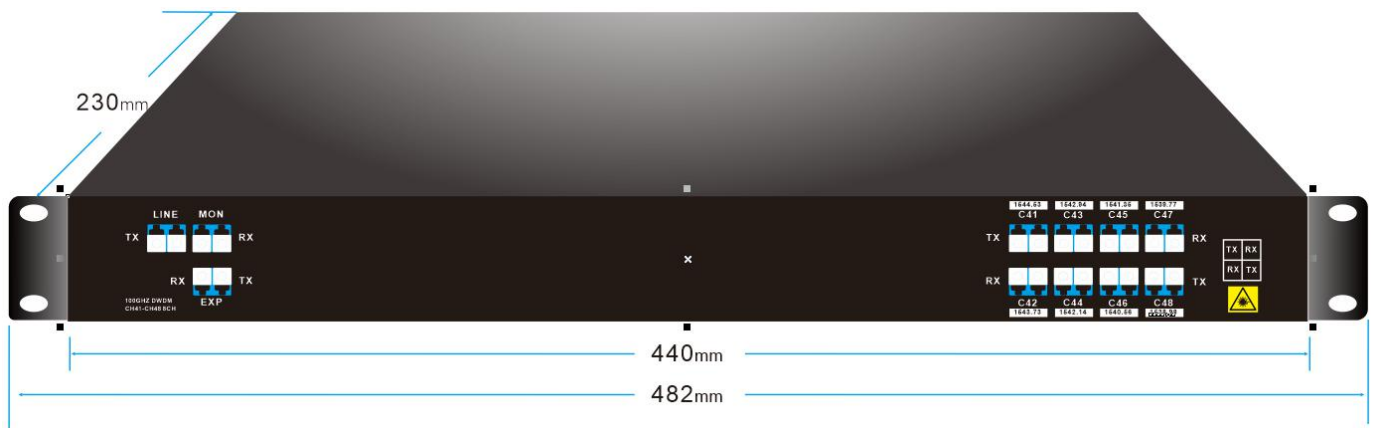
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

Wavelength	8channels C41-C48 (or other waves)	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 2.4dB	Link Loss	≤ 3.2dB
Center Wavelength Accuracy	±0.05nm	Insertion Loss @ 1% Mon	≤ 26dB
Return Loss	≥ 45dB	Directivity	≥ 45dB
Polarization Mode Dispersion	≤ 0.1ps	Polarization Dependent Loss	≤ 0.3dB
Channel Isolation	Adjacent ≥30dB Non-adjacent ≥ 45dB	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Net Weight	3KG	Dimensions (HxWxD)	44*440*230mm

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

Product No.	Product description
DMD8-1U01-C4148M	DWDM MUX DEMUX 8CH (C41-C48) With EXP, Monitor Port, Dual fiber, LC/UPC , 1U Rack
DMD8-1U01-CxxxxM	DWDM MUX DEMUX 8CH (Cxx-Cxx) With EXP , Monitor Port, Dual fiber, LC/UPC , 1U Rack (Customized)

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