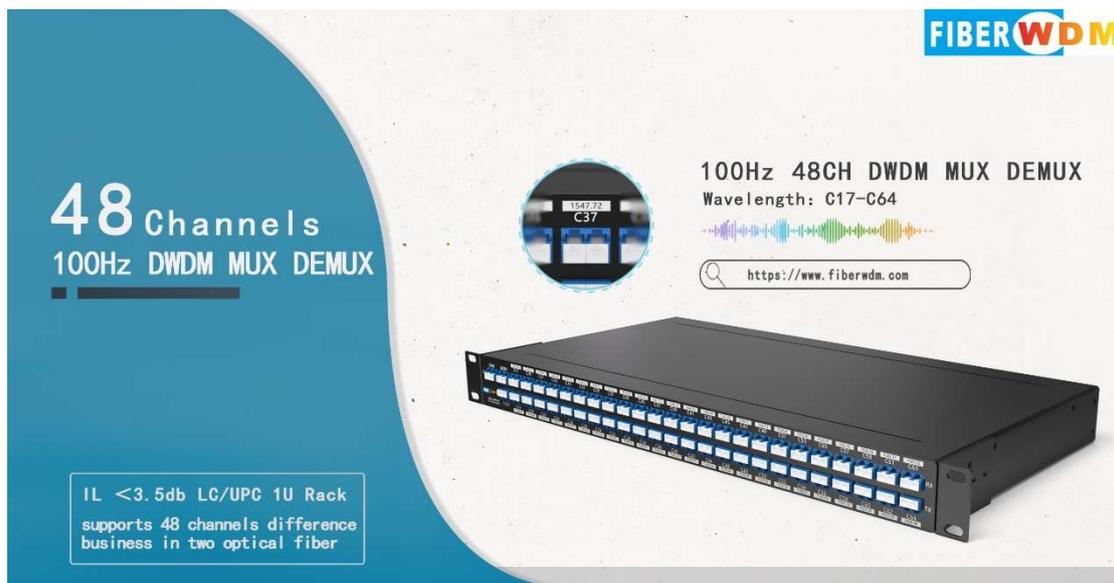


Dual Fiber 48CH C17-C64 DWDM MUX DEMUX, with Monitor and 1310nm Port, LC/UPC, 1U Rack

The 48ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C17 to C64(1563.86nm~1526.44nm), in accordance with the ITU-T G.694.1 100GHZ grid, it maximizes the capacity of the C-band range.

The 40ch DWDM with 1310nm is totally passive DWDM device, and support low insertion loss(<3.5dB). And it conjunct with The DWDM amplifiers and DCM device, the 48ch DWDM transfer system can support a long distance transmission.



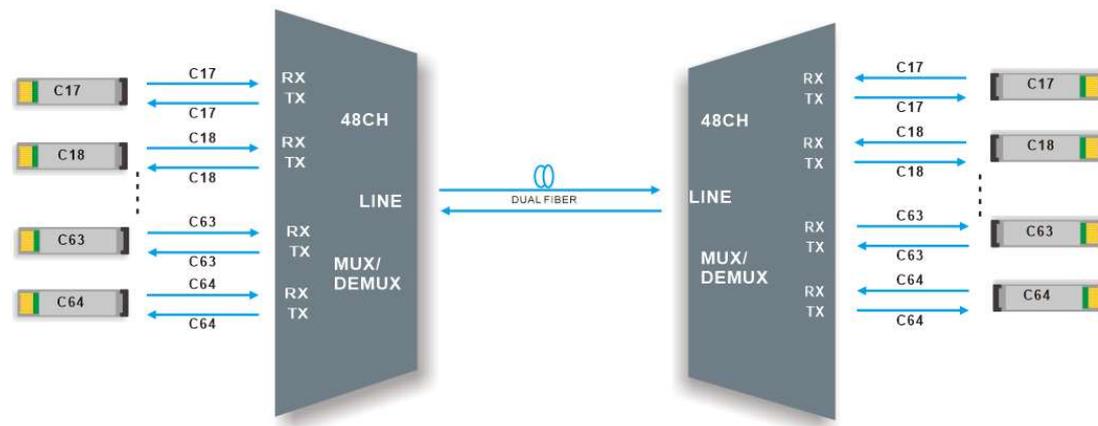
Product Panel



48CH DWDM MUX DEMUX

- ◆ 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.

Line Link



48CH DWDM MUX DEMUX Dual fiber transmission

48 Channels DWDM MUX DEMUX , supports 48 channels difference business in two optical fiber for point-to-point transmission.

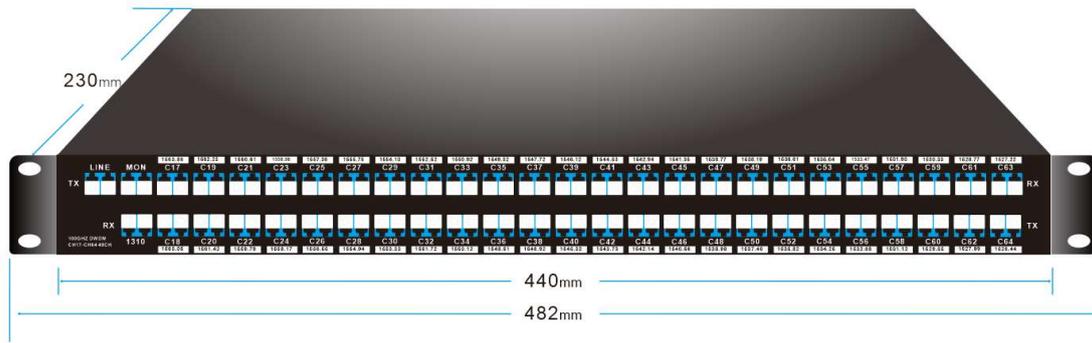
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

Wavelength	48channels C17-C64	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	AAWG (Gaussian)
Insertion Loss	≤ 3.5dB	Link Loss	≤ 7dB
1310nm Port Pass Band Width	1260nm~1360nm	Center Wavelength Accuracy	±0.05nm
Insertion Loss @ 1310 port	≤ 0.8dB	Insertion Loss @ 1% Mon	≤ 26dB
Return Loss	≥ 40dB	Directivity	≥ 40dB
Polarization Mode Dispersion	≤ 0.1ps	Polarization Dependent Loss	≤ 0.3dB
Channel Isolation	Adjacent ≥ 25dB Non-adjacent ≥ 29dB	Temperature	Operating -5 to 65°C Storage -40 to 85°C
Net Weight	3.5KG	Dimensions (HxWxD)	44*440*230mm

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

Product No.	Product description
DMD48-1U01-C1764M-31	DWDM MUX DEMUX 48CH (C17-C64) with Monitor and 1310nm Port, Dual fiber, LC/UPC , 1U Rack

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