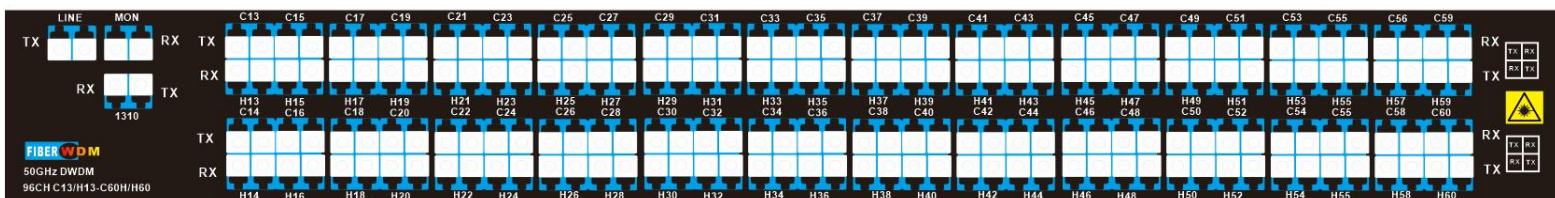


Dual fiber 96CH C13-H60 50GHz DWDM MUX DEMUX, With 1310nm and Monitor Port, LC/UPC, 1U Rack

The 50GHz DWDM 96CH MUX DEMUX is designed by FIBERWDM, wavelength from C13 to H60(1567.13nm~1529.16nm), in accordance with the ITU-T G.694.1 50GHZ grid, it maximizes the capacity of the C-band range.

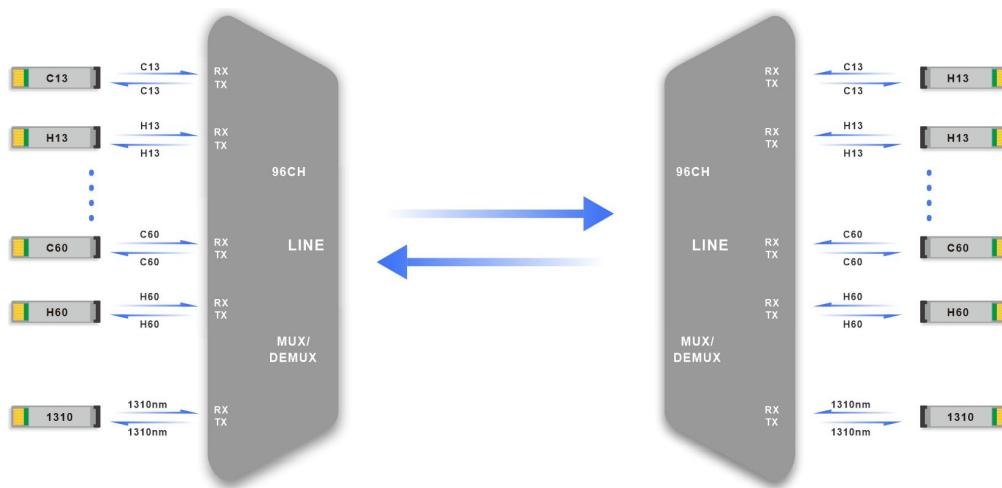
The 96ch DWDM with 1310nm port is totally passive DWDM device, and support low insertion loss(wavelength ports < 5.5dB; 1310nm port < 0.8dB). And it conjunct with The DWDM amplifiers and DCM device, the 96ch DWDM transfer system can support a long distance transmission.

Product Panel



- ◆ 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

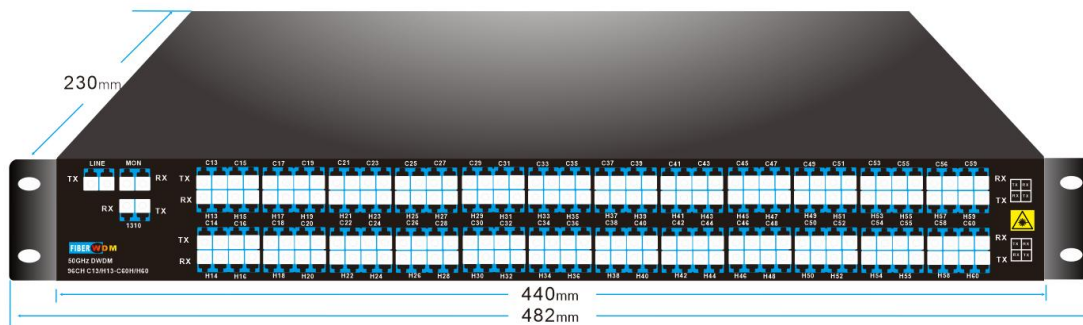


96 Channels DWDM MUX DEMUX and with 1310nm Port, supports 97 channels difference business in two optical fiber for point-to-point transmission.

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

Product Specification

Wavelength	96channels C13/H13-C60/H60	Channel Spacing	50GHz (0.4nm)
Center Wavelength Accuracy	±0.05nm	Technology	AAWG (Gaussian)
Insertion Loss	≤5.5dB	Link Loss	≤ 11dB
1310nm Port Pass Band Width	1260nm~1360nm	Center Wavelength Accuracy	±0.05nm
Insertion Loss @ 1310 port	≤ 0.8dB	Insertion Loss @ 1% Mon	≤ 26dB
Total Crosstalk	≥25dB	Ripple in Passband	≤ 0.75dB
-1dB passband	≥0.18dB	-3dB passband	≥0.28dB
Return Loss	≥ 40dB	Directivity	≥ 40dB
Polarization Mode Dispersion	≤ 0.5ps	Polarization Dependent Loss	≤ 0.5dB
Channel Isolation	Adjacent ≥ 25dB Non-adjacent ≥ 30dB	Temperature	Operating -5 to 65°C Storage -40 to 85°C
Net Weight	3.5KG	Dimensions (HxWxD)	54*440*230mm

Package Information

96CH DWDM 1U RACK
Order Information

Product No.	Product description
DMD96-1U01-C13H60-31M	50Ghz DWDM MUX DEMUX 96CH (C13/H13-C60/H60),With 1310nm and Monitor Port, Dual fiber, LC/UPC , 1U Rack

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