Dual Fiber 4CH C28-C31 DWDM MUX DEMUX, Monitor and EXP Port, LC/UPC, 1U Rack

The 8ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C28 to C31(1554.94nm~1552.52nnm),(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 4ch DWDM is totally passive DWDM device, and support low insertion loss(wavelength ports＜1.5dB). And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.
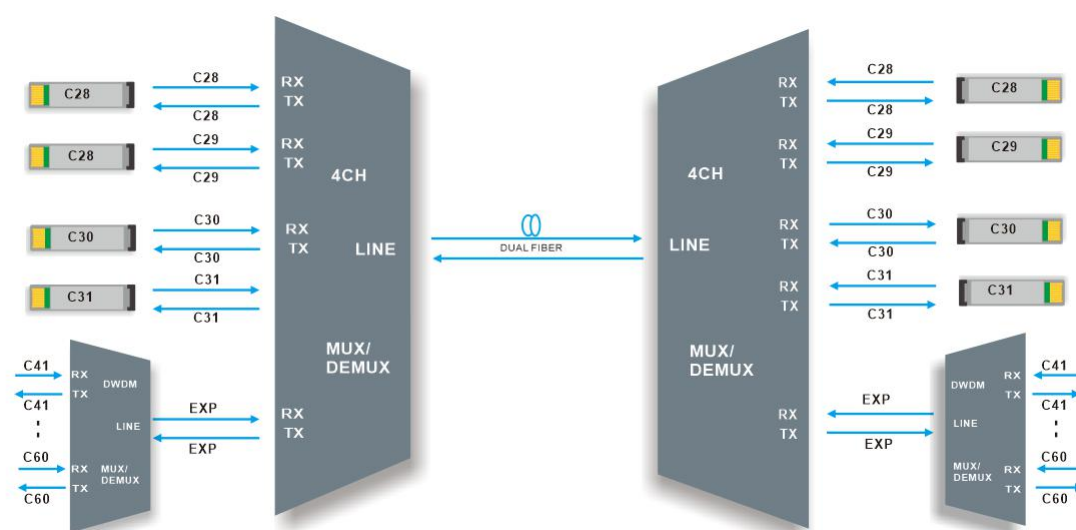
Product Panel

4CH DWDM MUX DEMUX Dual Fiber

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◆ 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

4CH DWDM MUX DEMUX Dual fiber transmission

4 Channels DWDM MUX DEMUX, supports 4 channels difference business in two optical fiber for point-to-point transmission.
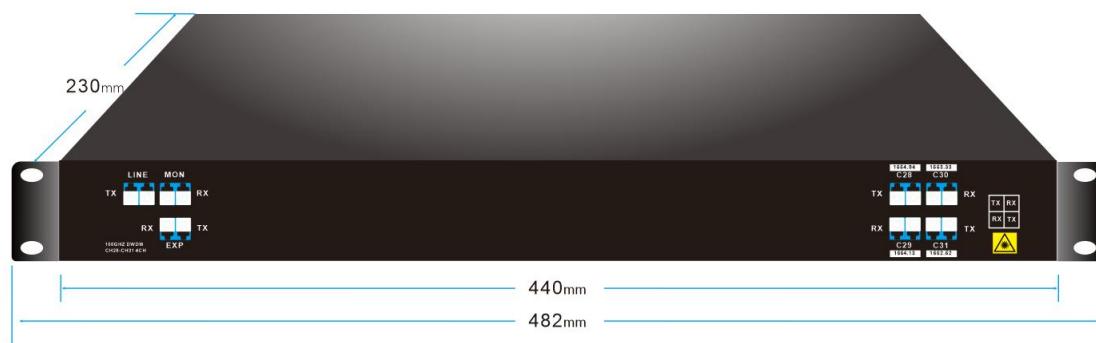
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

Wavelength	4channels C28-C31 （ or other waves)	**Channel Spacing**	100GHz (0.8nm)
Channel Passband	±0.11nm	**Technology**	TFF (Thin Film Filter)
Insertion Loss	≤ 1.5dB	**Link Loss**	≤ 2.5dB
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
DMD4-1U01-C2831M	DWDM MUX DEMUX 4CH (C28-C31) With EXP, Monitor Port, Dual fiber, LC/UPC , 1U Rack
DMD4-1U01-CxxxxM	DWDM MUX DEMUX 4CH (Cxx-Cxx) With EXP , Monitor Port, Dual fiber, LC/UPC , 1U Rack (Customized)

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