## Dual Fiber 16CH C41-C56 DWDM MUX DEMUX and EXP Port, LC/UPC, LGX Box

The 16ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C41 to C56(1544.53nm~1532.68nnm),(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 16ch DWDM is totally passive DWDM device, and support low insertion loss(wavelength ports＜3.5dB;). And it conjunct with The DWDM amplifiers and DCM device, the 16ch DWDM transfer system can support a long distance transmission.

Product Panel
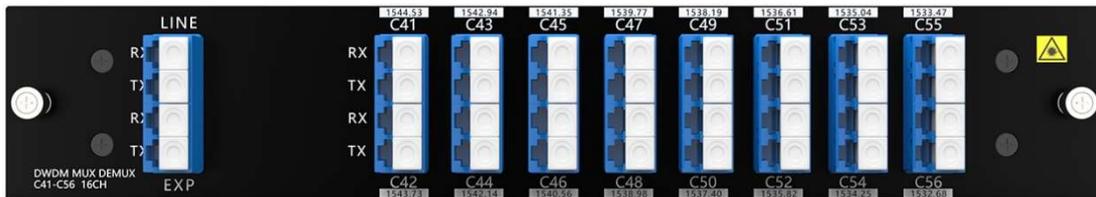
16CH DWDM MUX DEMUX Dual Fiber

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
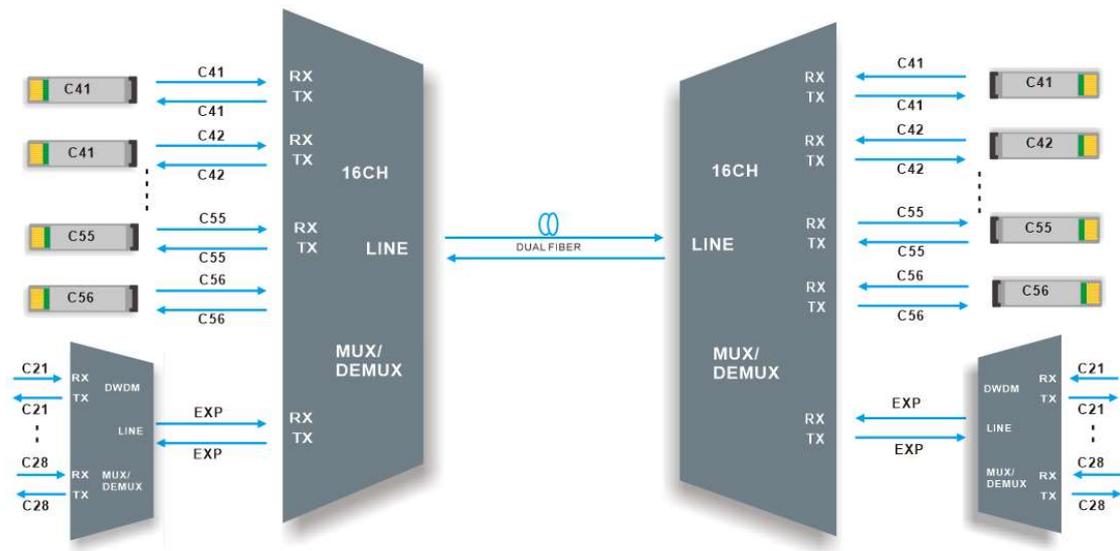
16CH DWDM MUX DEMUX Dual fiber transmission

16 Channels DWDM MUX DEMUX supports 16 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	16channels C41-C56	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 3.5dB	Link Loss	≤ 4.5dB
Center Wavelength Accuracy	±0.05nm	Return Loss	≥ 45dB
Directivity	≥ 45dB	Polarization Mode Dispersion	≤ 0.1ps
Polarization Dependent Loss	≤ 0.3dB	Channel Isolation	Adjacent ≥30dB
Channel Isolation	Non-adjacent ≥ 45dB	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Net Weight	LGX Box: 0.5KG 2slot 1U Rack: 3.5KG	Dimensions (HxWxD)	LGX Box: 220*200*39mm 1U Rack : 44*440*230mm

Note: Specified with connectors.

Package Information
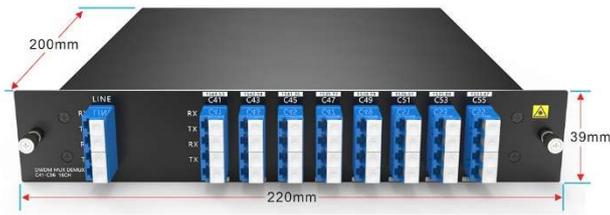
LGX BOX Plug in 2-Slot 1U Rack

2-Slot 1U Rack for LGX BOX

Order Information

Product No.	Product description
DMD16-LGX01-C4156	DWDM MUX DEMUX 16CH (C41-C56) With EXP Dual fiber, LC/UPC , LGX Box
1U02-2LGX	19" inch 1U rack with 2 slot for Plug-in LGX box, 440*230*44mm

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