

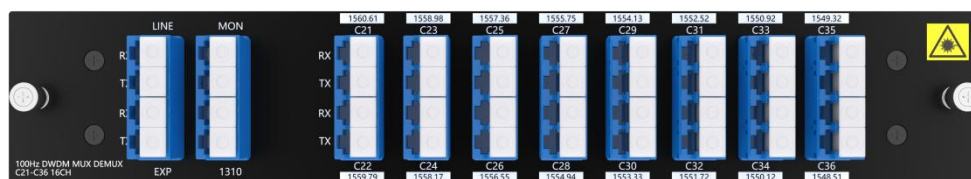
Dual Fiber 16CH C21-C36 DWDM MUX DEMUX With 1310nm, Monitor and EXP Port, LC/UPC, LGX Box, and 2 Slots 1U Rack



The 16ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C21 to C26(1560.61nm~1548.52nm),(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 and LGX box module device, it can plug in the 2-slot 1 U rack; the product insertion loss is <3.5dB. And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.

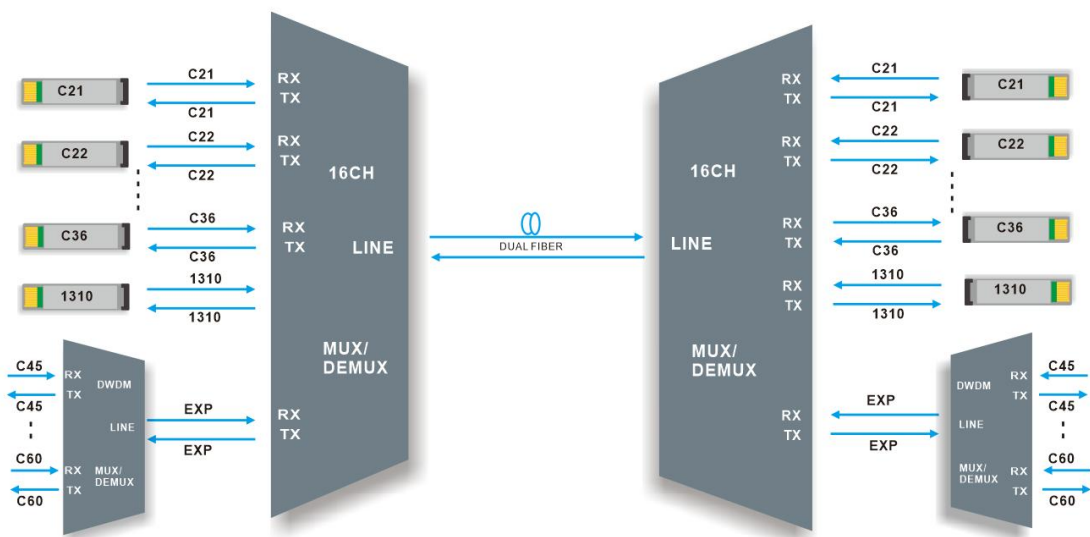
Product Panel



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

16Channels DWDM and 1CH 1310nm MUX DEMUX, supports 16+1channels difference business in two optical fiber for point-to-point transmission.

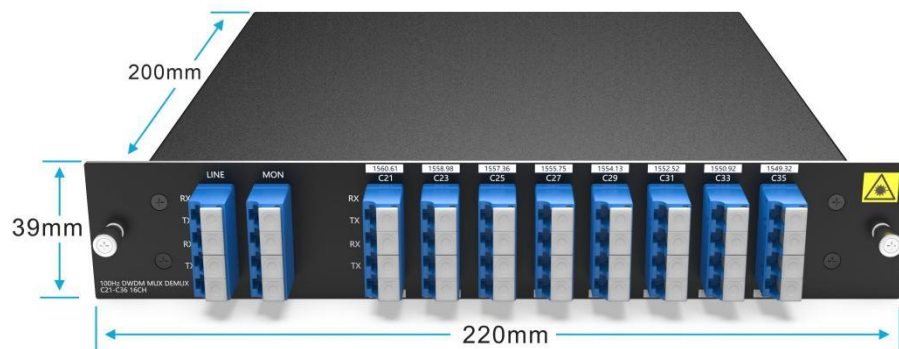
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

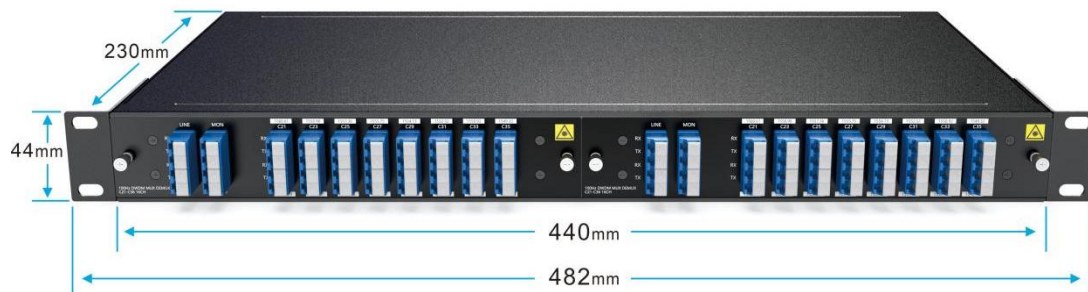
Wavelength	16channels C21-C36	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 3.5B	Center Wavelength Accuracy	±0.05nm
1310nm Port Pass Band Width	1260nm~1360nm	Insertion Loss @ 1% Mon	≤ 26dB
Return Loss	≥ 45dB	Directivity	≥ 45dB
Polarization 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	LGX Box: 0.5KG 2slot 1U Rack: 2.5KG	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-C2136-31M	DWDM MUX DEMUX 16CH (C21-C36) With 1310nm, Monitor and EXP Port, Dual fiber, LC/UPC , Plug-in LGX Box 220*200*39mm
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.