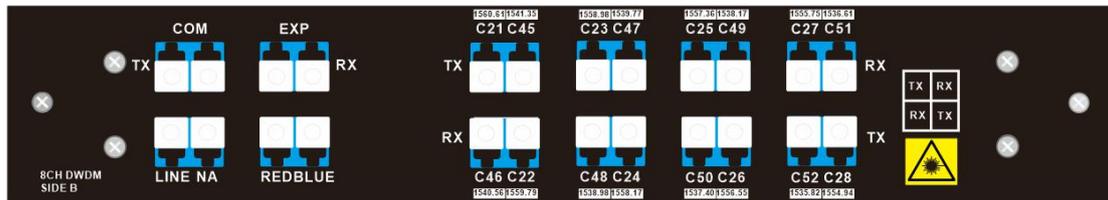


**Single Fiber 8CH 16 Waves DWDM MUX/ DEMUX, With EXP Port, and R/B Filter
LC/UPC, LGX Box, and 2 Slots 1U Rack**

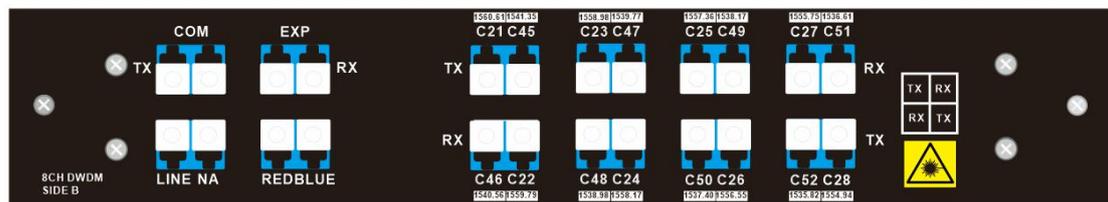
The 8ch(16waves) DWDM MUX/ DEMUX with Blue and Red (R/B) filter, is used in pairs, designed by FIBERWDM, in side A, the waves are: RX C21 to C28(1560.61nm~1554.94nm), TX C45 to C52(1541.35nm~1535.82nm); And in side B, the waves are: RX C45 to C52(1541.35nm~1535.82nm), TX C21 to C28(1560.61nm~1554.94nm). it conjunct with the DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission in one fiber.

And it is LGX box Plug-in designed, so it can plug in the 2-Slot 1U rack, Max capacity support 2*8channels in the system.

Product Panel



8CH DWDM MUX/ DEMUX Single Fiber Side A



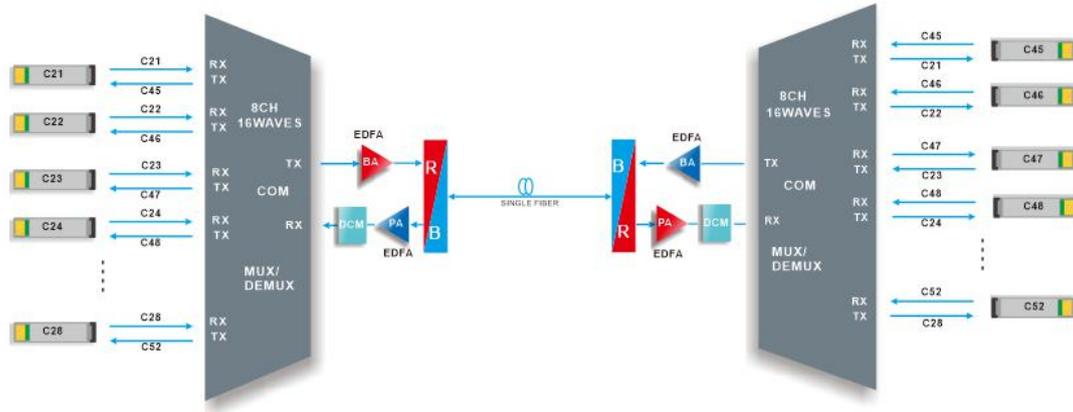
8CH DWDM MUX/ DEMUX Single Fiber Side B



2-Slot 1U rack

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



8CH DWDM MUX/ DEMUX Single fiber transmission

8 Channels DWDM MUX/ DEMUX supports 8 channels difference business in one optical fiber for point-to-point transmission.

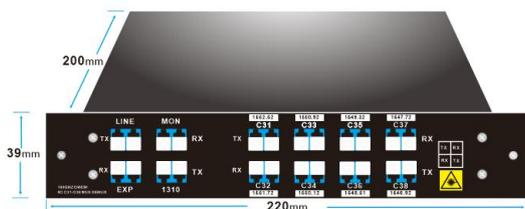
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

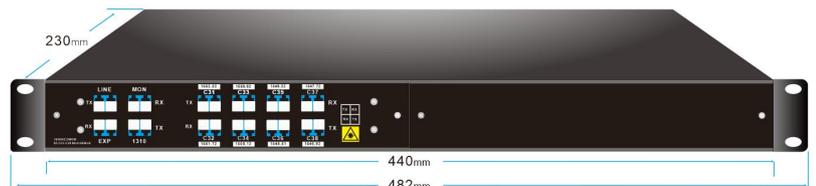
Wavelength	8ch 16 waves C21-C28/C45-C52	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 3.5dB	Link Loss	≤ 4.5dB
Return Loss	≥ 45dB	Directivity	≥ 45dB
Polarization Mode Dispersion	≤ 0.1ps	Polarization Dependent Loss	≤ 0.3dB
Channel Isolation	Adjacent ≥30dB Non-adjacent ≥ 45dB	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Insertion Loss@R/B	PASS:≤ 0.6dB Reflect:≤0.8dB	Isolation@R/B	PASS:≥ 30dB Reflect:≥15dB
Net Weight	LGX Box: 0.5KG 2slot 1U Rack: 3KG	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
DM16-1U01-C2152	DWDM MUX//DEMUX 8CH 16Waves (RX C21-C28/TX C45-C52) With EXP Port and RB filter, Single fiber, LC/UPC , Plug-in LGX Box, Side A
DD16-1U01-C21526	DWDM MUX/ DEMUX 8CH 16Waves (RX C45-C52/TX C21-C28) With EXP Port and RB filter, Single fiber, LC/UPC , Plug-in LGX Box, Side B
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.