## Single Fiber 8CH 16 Waves C21-C36 DWDM MUX/ DEMUX, With EXP Port, LC/UPC, LGX Box, and 2 Slots 1U Rack


The 8ch DWDM MUX/ DEMUX is designed by FIBERWDM, wavelength from C21 to C36(1560.61nm~1548.51nm),(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 single fiber 8ch DWDM MUX is totally passive and LGX box module device, it can plug in the 2-slot 1 U rack; the product insertion loss is: wavelength ports＜3.5dB, line ＜4.5dB .

Product Panel
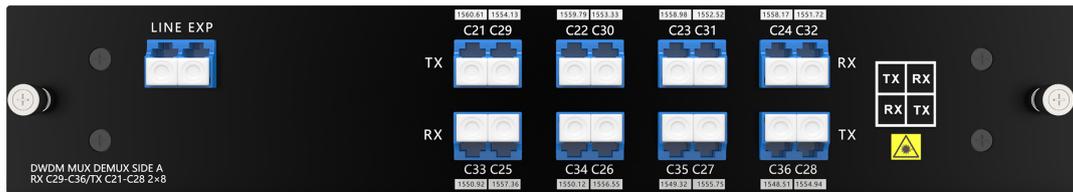
**8CH DWDM MUX/ DEMUX Single Fiber Side A**
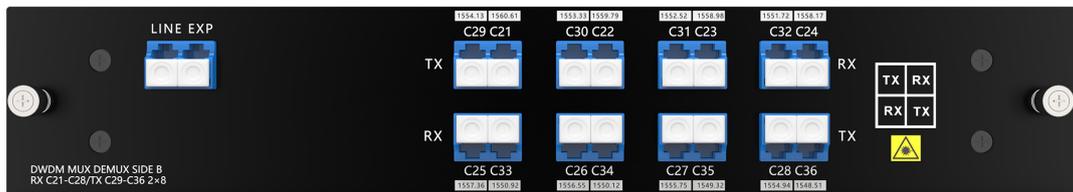
8CH DWDM MUX/ DEMUX Single Fiber Side B

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
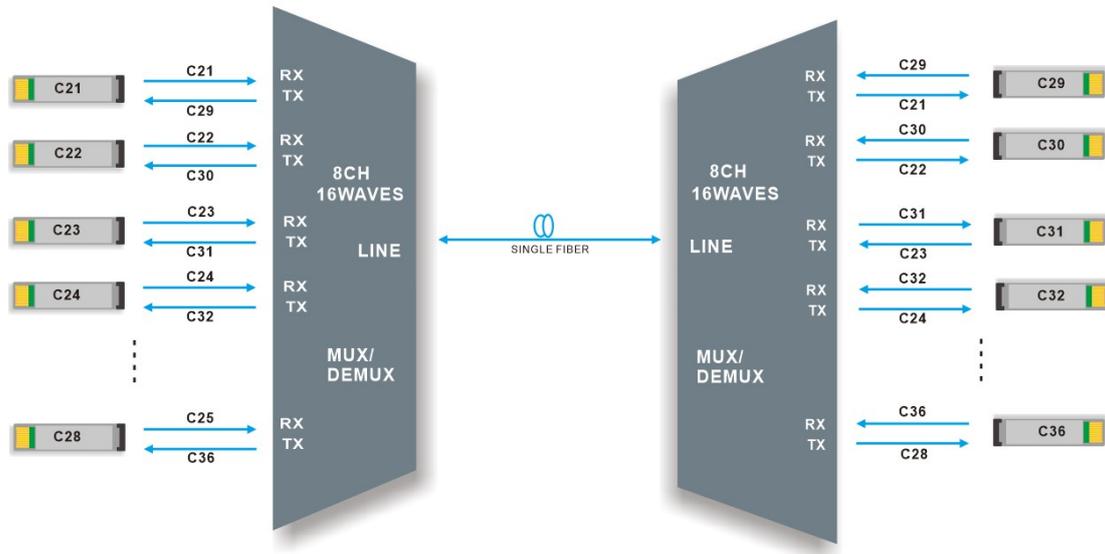
8CH DWDM MUX/ DEMUX Single fiber transmission

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 wavesC21-C36（or other waves)	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
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
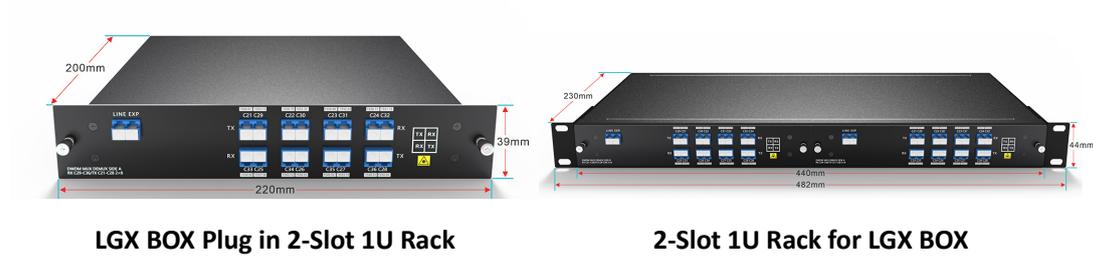
Order Information

Product No.	Product description
DM16-1U01-C2136	DWDM MUX//DEMUX 8CH 16Waves (RX C21-C28/TX C29-C36) With EXP Port, Single fiber, LC/UPC , Plug-in LGX Box, Side A
DD16-1U01-C2136	DWDM MUX/ DEMUX 8CH 16Waves (RX C29-C36/TX C21-C28) With EXP Port, 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.