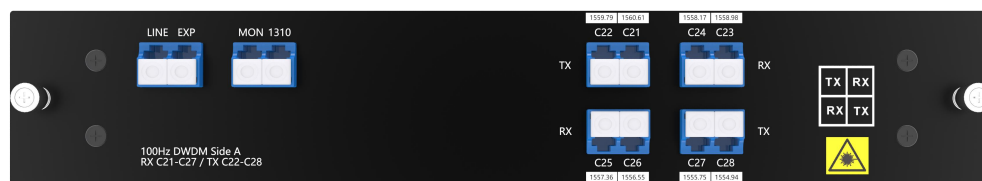


## Single Fiber 4CH 8 Waves C21-C28 DWDM MUX/ DEMUX, With EXP,1310nm and Monitor Port, LC/UPC, LGX Box, and 2 Slots 1U Rack

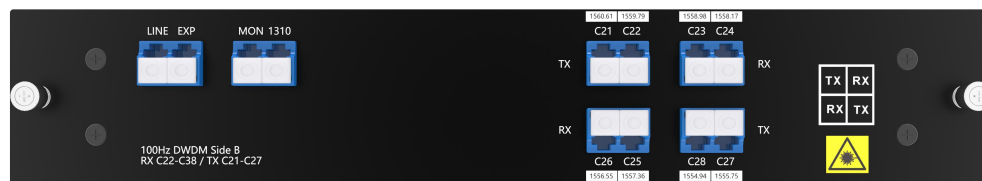
The 8ch DWDM MUX/ DEMUX is designed by FIBERWDM, wavelength from C21 to C28(1560.61nm~1554.94nm),(By the way, we can support customize other waves); in accordance with the ITU-T G.694.1 100GHZ grid, it maximizes the capacity of the C-band range.

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 < 2.4dB, line < 3.5dB .

### Product Panel

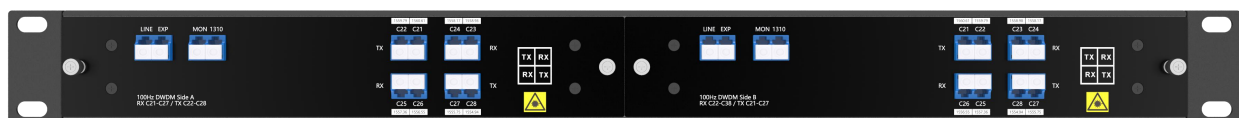


4CH DWDM MUX/ DEMUX Single Fiber Side A



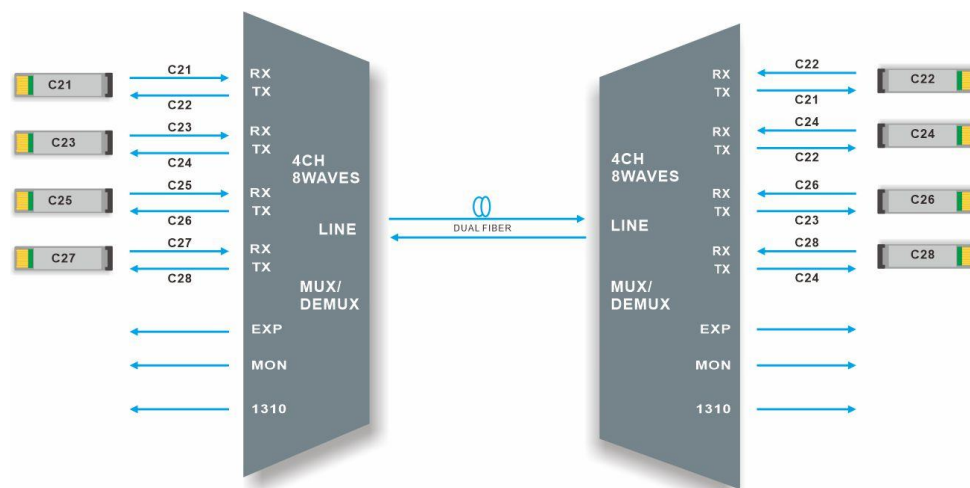
4CH DWDM MUX/ DEMUX Single Fiber Side B

### 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



**4CH DWDM MUX/ DEMUX Single fiber transmission**

4 Channels DWDM MUX/ DEMUX supports 4 channels difference business in one optical fiber for point-to-point transmission.

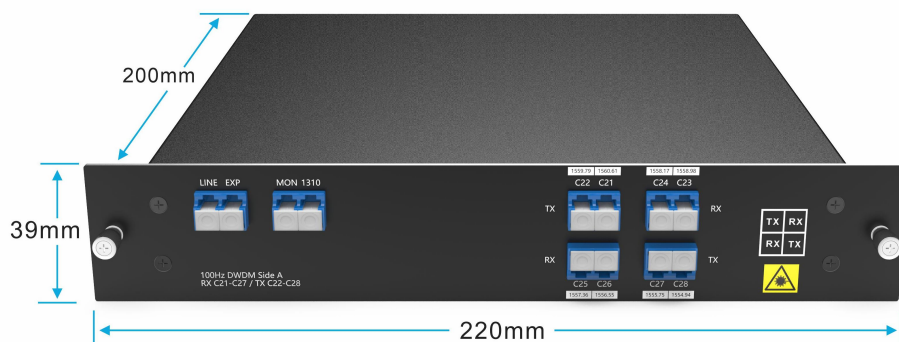
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

## Product Specification

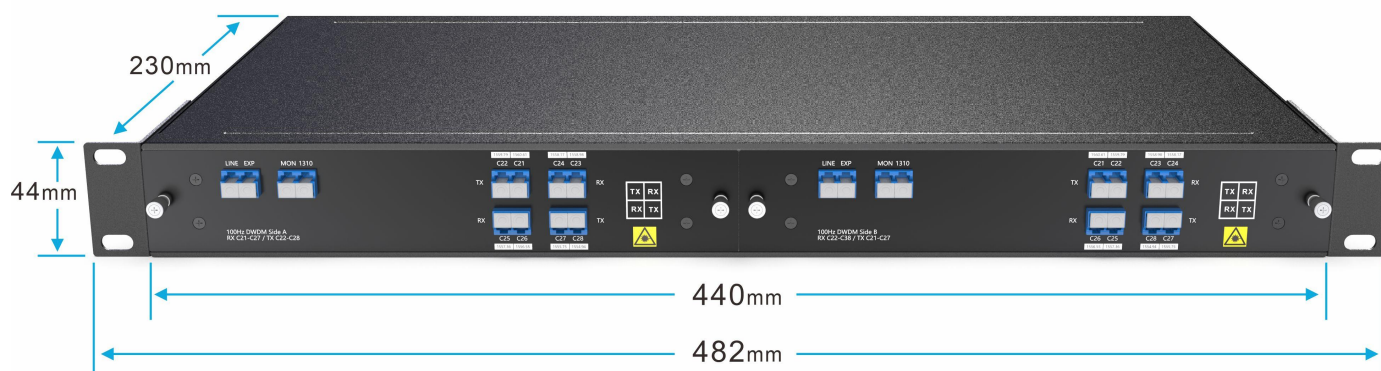
|                                     |                                        |                                    |                                                 |
|-------------------------------------|----------------------------------------|------------------------------------|-------------------------------------------------|
| <b>Wavelength</b>                   | 4ch 8 waves C21-C28                    | <b>Channel Spacing</b>             | 100GHz (0.8nm)                                  |
| <b>Channel Passband</b>             | ±0.11nm                                | <b>Technology</b>                  | TFF (Thin Film Filter)                          |
| <b>Insertion Loss@DWDM</b>          | ≤ 2.4dB                                | <b>Insertion Loss@Monitor</b>      | ≤ 26dB                                          |
| <b>Wavelength@1310</b>              | 1260~1360nm                            | <b>Insertion Loss@1310</b>         | ≤ 0.8dB                                         |
| <b>Return Loss</b>                  | ≥ 45dB                                 | <b>Directivity</b>                 | ≥ 45dB                                          |
| <b>Polarization Mode Dispersion</b> | ≤ 0.1ps                                | <b>Polarization Dependent Loss</b> | ≤ 0.3dB                                         |
| <b>Channel Isolation</b>            | Adjacent ≥30dB<br>Non-adjacent ≥ 45dB  | <b>Temperature</b>                 | Operating -40 to 85°C<br>Storage -40 to 85°C    |
| <b>Net Weight</b>                   | LGX Box: 0.5KG<br>2slot 1U Rack: 2.5KG | <b>Dimensions (HxWxD)</b>          | LGX Box: 220*200*39mm<br>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                                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| DM8-1U01-C2128-31M-A | DWDM MUX//DEMUX 4CH 8Waves (RX C21-C27/TX C22-C28) With EXP,1310nm and Monitor Port, Single fiber, LC/UPC , Plug-in LGX Box, Side A |
| DD8-1U01-C2128-31M-B | DWDM MUX/ DEMUX 4CH 8Waves (RX C22-C28/TX C21-C27) With EXP,1310nm and Monitor 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.**