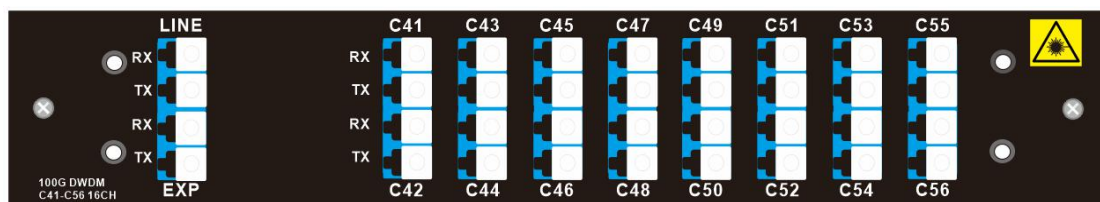


Dual Fiber 16CH C41-C56 DWDM MUX DEMUX and EXP Port, LC/UPC, LGX Box

The 16ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C41 to C56(1544.53nm~1532.68nm),(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.

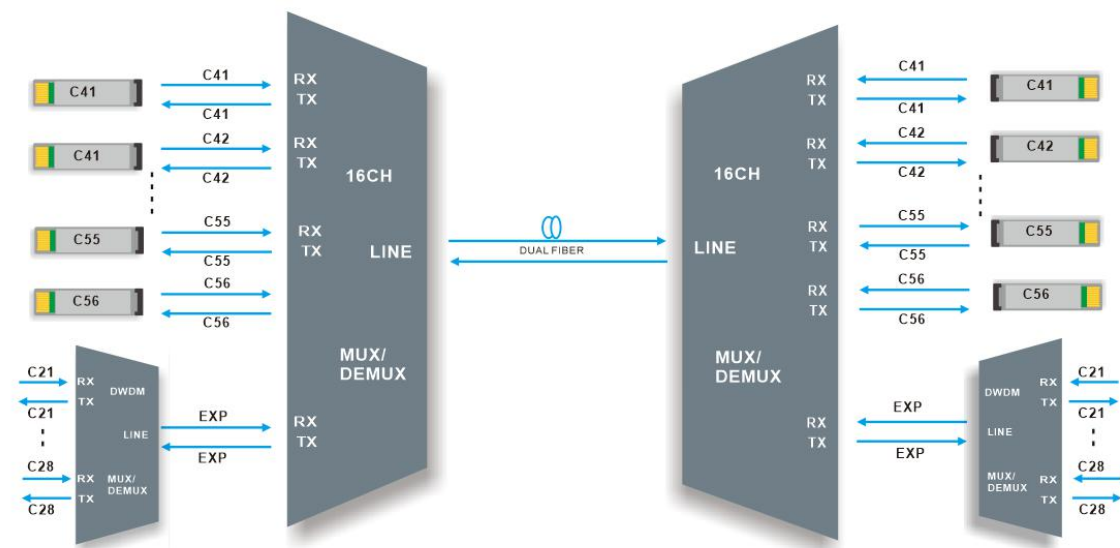
Product Panel



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.

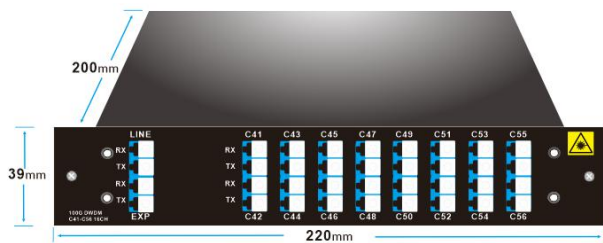
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

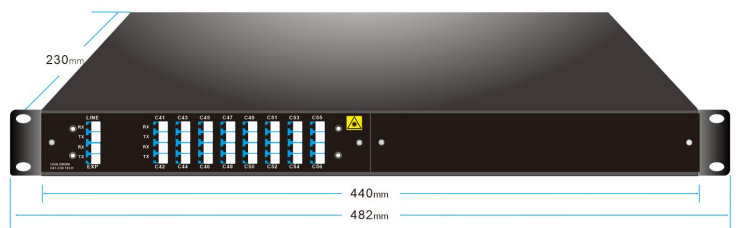
| | | | |
|------------------------------------|--|-------------------------------------|---|
| Wavelength | 16channels C41-C56 | Channel Spacing | 100GHz (0.8nm) |
| Channel Passband | ±0.11nm | Technology | TFF (Thin Film Filter) |
| Insertion Loss | ≤ 3.5dB | Link Loss | ≤ 4.5dB |
| Center Wavelength 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.