

Dual Fiber 8CH C21-C28 DWDM MUX DEMUX, With 1310nm, Monitor and EXP Port, LC/UPC, 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 8ch DWDM with 1310nm port is totally passive DWDM device, and support low insertion loss(wavelength ports<2.4dB; 1310nm port<0.8dB). And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.

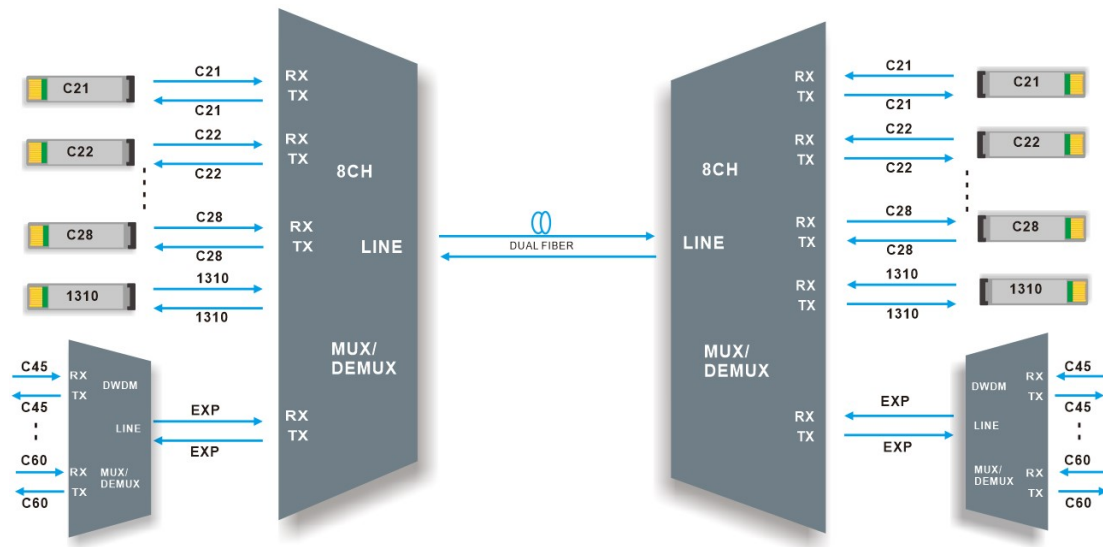
Product Panel



8CH DWDM MUX DEMUX Dual Fiber

- ◆ 1310nm port can support 1G LX/SX, 10G LR, 40G ER4/LR4, 100G LR/ER4/LR4/ZR4; it for Existing Legacy Traffic.
- ◆ Mon port is for network link monitoring or power monitoring, easy troubleshooting without affecting traffic.
- ◆ 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 Dual fiber transmission

8 Channels DWDM MUX DEMUX and with 1310nm Port, supports 8 channels difference business in two optical fiber for point-to-point transmission.

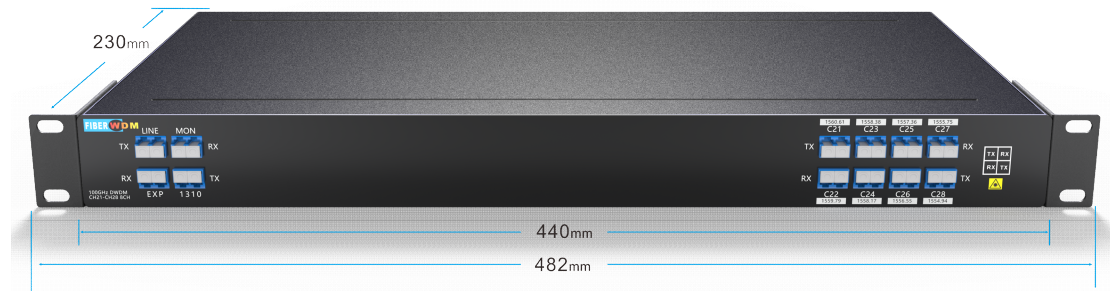
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

| | | | |
|-------------------------------------|---------------------------------------|------------------------------------|--|
| Wavelength | 8channels C21-C28 (or other waves) | Channel Spacing | 100GHz (0.8nm) |
| Channel Passband | ±0.11nm | Technology | TFF (Thin Film Filter) |
| Insertion Loss | ≤ 2.4dB | Link Loss | ≤ 3.2dB |
| 1310nm Port Pass Band Width | 1260nm~1360nm | Center Wavelength Accuracy | ±0.05nm |
| Insertion Loss @ 1310 port | ≤ 0.8dB | 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 | 1.5KG | Dimensions (HxWxD) | 44*440*230mm |

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

| Product No. | Product description |
|---------------------|---|
| DMD8-1U01-C2128-31M | DWDM MUX DEMUX 8CH (C21-C28) With EXP and 1310nm, Monitor Port, Dual fiber, LC/UPC , 1U Rack |
| DMD8-1U01-Cxxxx-31M | DWDM MUX DEMUX 8CH (Cxx-Cxx) With EXP and 1310nm, Monitor Port, Dual fiber, LC/UPC , 1U Rack (Customized) |

Note: We Support Customized Design, please contact us by email.