

Dual Fiber 4CH C28-C31 DWDM MUX DEMUX, Monitor and EXP Port, LC/UPC, 1U Rack



The 8ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C28 to C31(1554.94nm~1552.52nm),(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 4ch DWDM is totally passive DWDM device, and support low insertion loss(wavelength ports<1.5dB). And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.

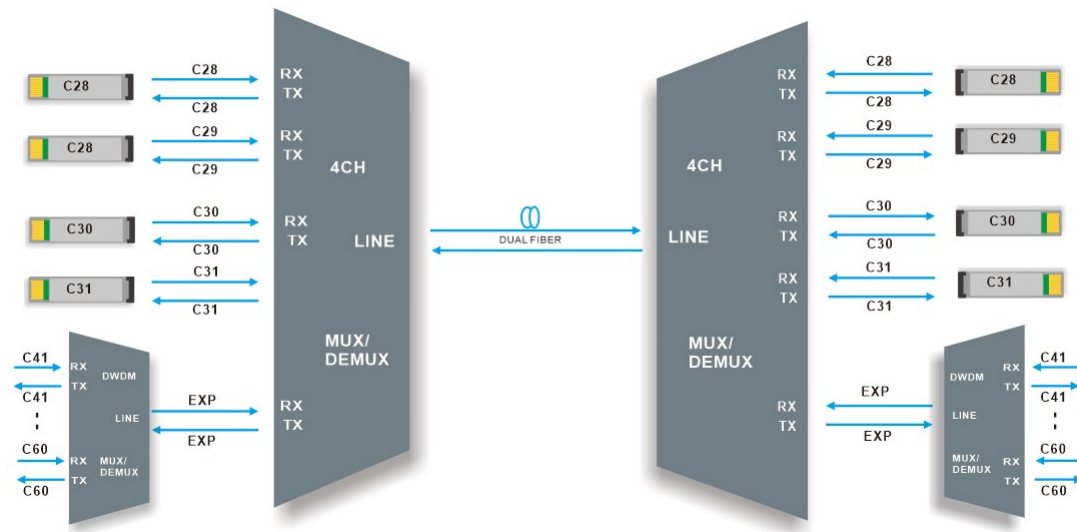
Product Panel



4CH DWDM MUX DEMUX Dual Fiber

- ◆ 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



4CH DWDM MUX DEMUX Dual fiber transmission

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

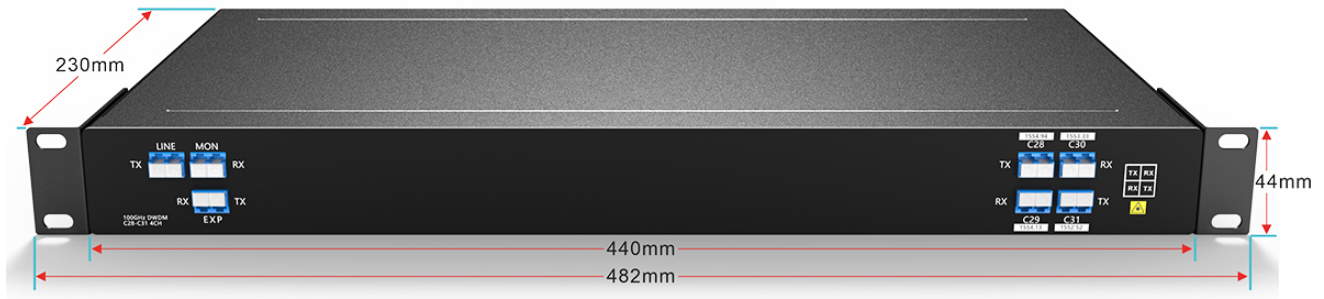
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

| | | | |
|-------------------------------------|---------------------------------------|------------------------------------|--|
| Wavelength | 4channels C28-C31 (or other waves) | Channel Spacing | 100GHz (0.8nm) |
| Channel Passband | ±0.11nm | Technology | TFF (Thin Film Filter) |
| Insertion Loss | ≤ 1.5dB | Link Loss | ≤ 2.5dB |
| Center Wavelength Accuracy | ±0.05nm | 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 | 3KG | Dimensions (HxWxD) | 44*440*230mm |

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

| Product No. | Product description |
|------------------|---|
| DMD4-1U01-C2831M | DWDM MUX DEMUX 4CH (C28-C31) With EXP, Monitor Port, Dual fiber, LC/UPC , 1U Rack |
| DMD4-1U01-CxxxxM | DWDM MUX DEMUX 4CH (Cxx-Cxx) With EXP , Monitor Port, Dual fiber, LC/UPC , 1U Rack (Customized) |

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