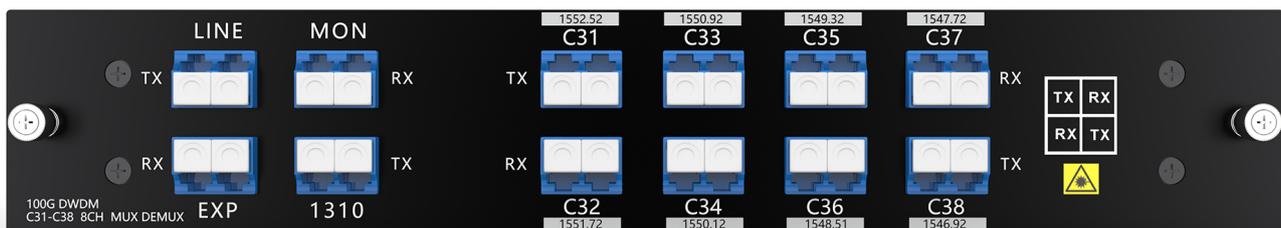


Dual Fiber 8CH C31-C38 DWDM MUX DEMUX, With 1310nm, Monitor and EXP Port, LC/UPC, LGX Box, and 2 Slots 1U Rack



The 8ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C31 to C38(1552.52nm~1546.92nm),(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 and LGX box module device, it can plug in the 2-slot 1 U rack; the product insertion loss is:(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.

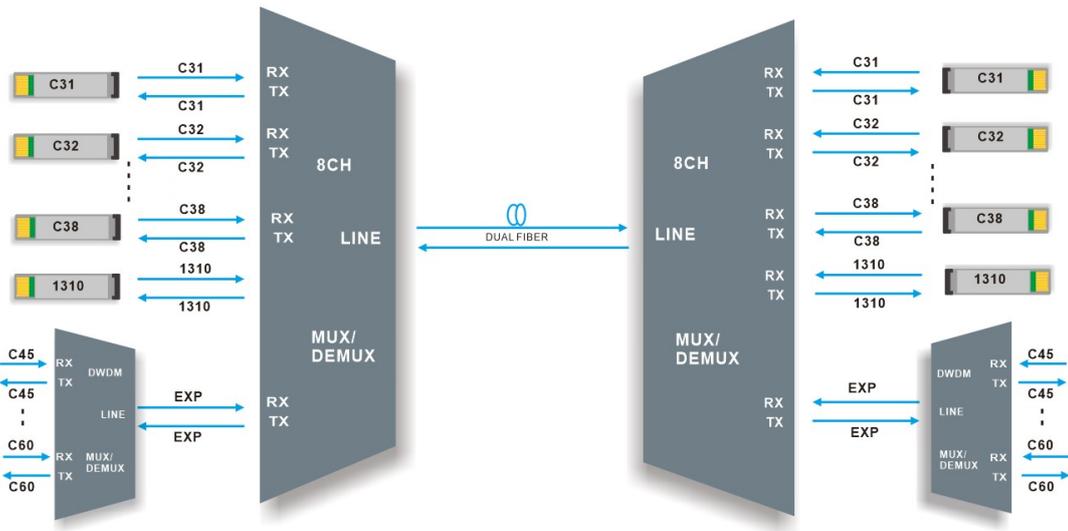


Product Panel

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

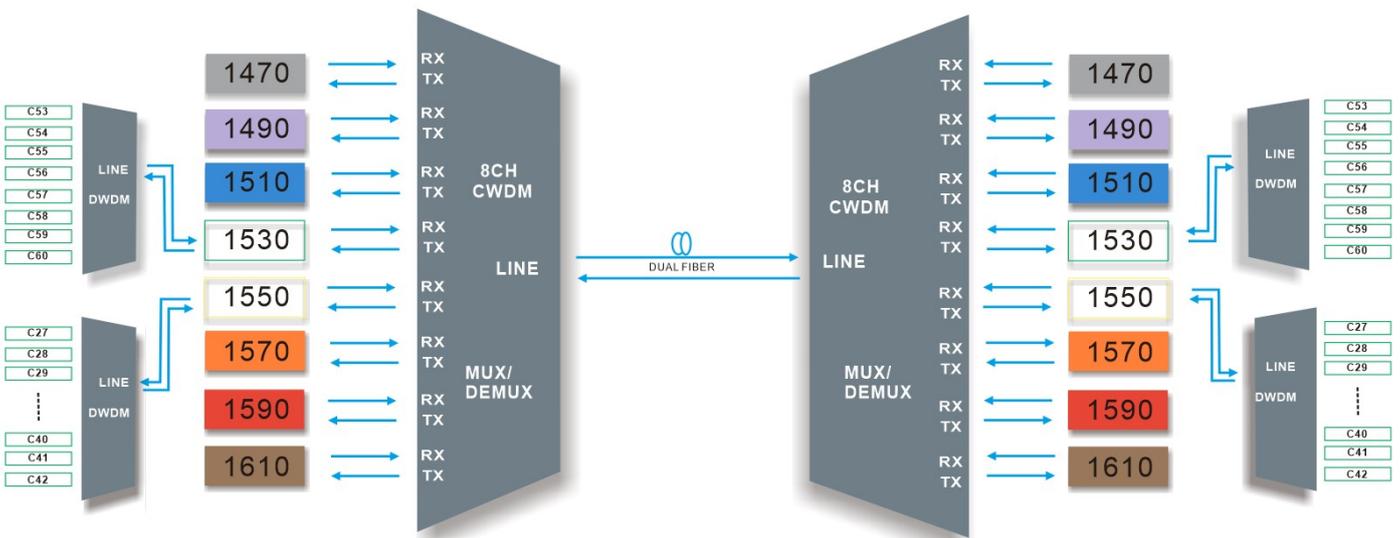


8CH DWDM MUX DEMUX Dual fiber transmission

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.

Hybrid DWDM over CWDM Network



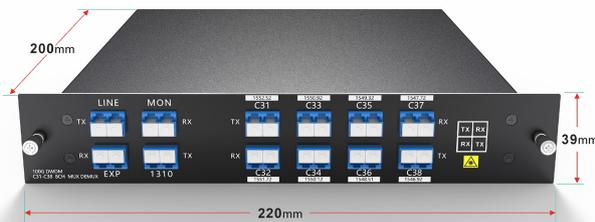
CWDM wavelengths range from 1260-1625nm, channel spacing is 20nm, which actually cover all the range of DWDM wavelengths (1470-1625nm). And DWDM wavelengths have much smaller channel spaces (0.8nm). Therefore, the CWDM wavelengths near DWDM wavelengths can be used to transmit the DWDM wavelengths.

Product Specification

Wavelength	8channels C31-C38 (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	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
DMD8-1U01-C2128-31M	DWDM MUX DEMUX 8CH (C21-C28) With EXP and 1310nm, Monitor Port, Dual fiber, LC/UPC , Plug-in LGX Box
DMD8-1U01-Cxxxx-31M	DWDM MUX DEMUX 8CH (Cxx-Cxx) With EXP and 1310nm, Monitor Port, Dual fiber, LC/UPC , Plug-in LGX Box (Customized)
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.