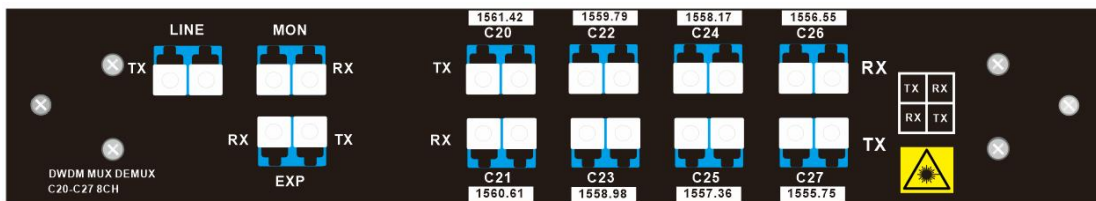## Dual Fiber 8CH C20-C27 DWDM MUX DEMUX With Monitor EXP Port, LC/UPC, LGX Box, and 2 Slots 1U Rack

The 8ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from C20 to C27(1561.42nm~1555.75nm),(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 is totally passive and LGX box module device, it can plug in the 2-slot 1 U rack; the product insertion loss is＜2.4dB. And it conjunct with The DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission.
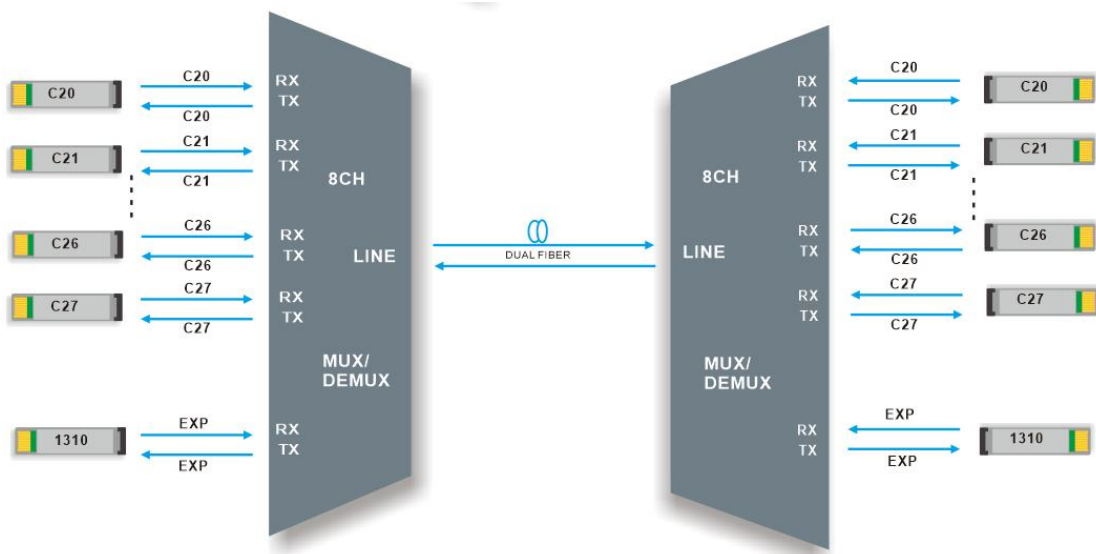
Product Panel

8CH DWDM MUX DEMUX Dual Fiber

◆ 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, supports 8 channels difference business in two optical fiber for point-to-point transmission.
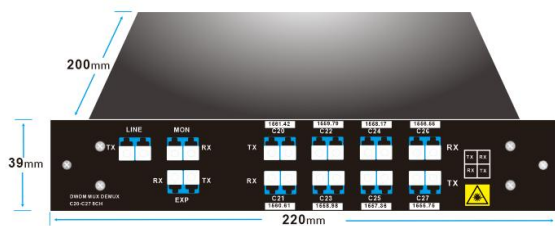
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.
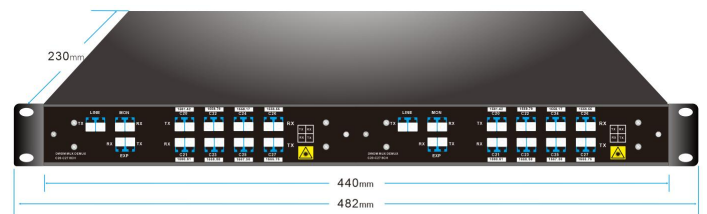
Product Specification

Wavelength	8channels C20-C27	**Channel Spacing**	100GHz (0.8nm)
Channel Passband	±0.11nm	**Technology**	TFF (Thin Film Filter)
Insertion Loss	≤ 2.4dB	**Link Loss**	≤ 3.2dB
Insertion Loss @ 1% Mon	≤ 26dB	**Center Wavelength Accuracy**	±0.05nm
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-C2027M	DWDM MUX DEMUX 8CH (C20-C27) With EXP And Monitor Port, Dual fiber, LC/UPC , Plug-in 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.