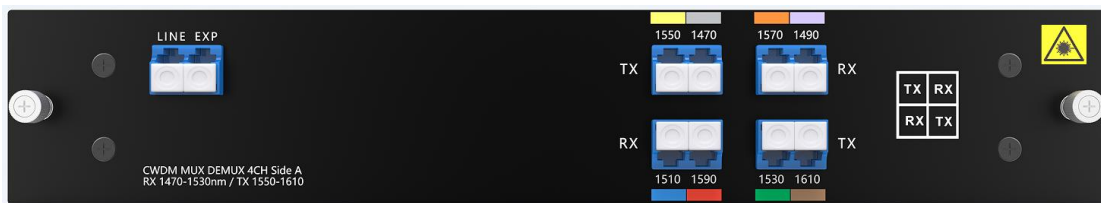


**Single Fiber 4Channels(8waves) 1470-1610nm CWDM MUX/DEMUX , LC/UPC, Plug-in LGX Box and 2slot 1U Rack**

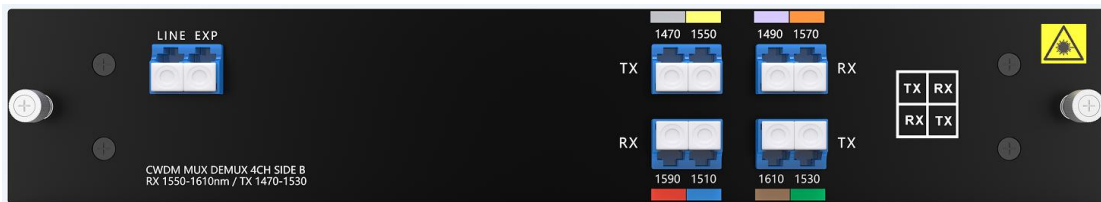
The single fiber 4channels(8 waves) CWDM MUX DEMUX is designed by FIBERWDM, A side's waves are : RX 1470nm to 1530nm/ TX 1550nm to 1610nm, and B side's waves are: RX 1550nm to 1610nm/ TX 1470nm to 1530nm; it is passive CWDM device and plug-in LGX box, can plug in 2slot 1u rack, support 8channels difference business in one optical fiber for bi-direction point-to-point transmission.

It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries, where the optical fiber resource are rare.

**Product Panel**



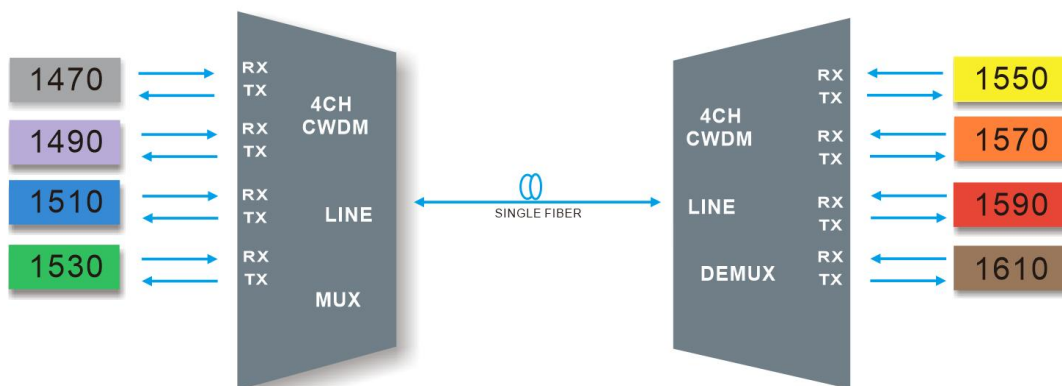
**Side A Single Fiber 4CH CWDM MUX/ DEMUX**



**Side B Single Fiber 4CH CWDM MUX/ DEMUX**

Mon port is for network link monitoring or power monitoring, easy troubleshooting without affecting traffic.

**Line Link**



**4CH CWDM MUX/ DEMUX Single fiber transmission**

4Channels (8 waves) CWDM MUX/ DEMUX,should be used in pairs, which transmits and receives different wavelengths, support 4 channels difference business,such

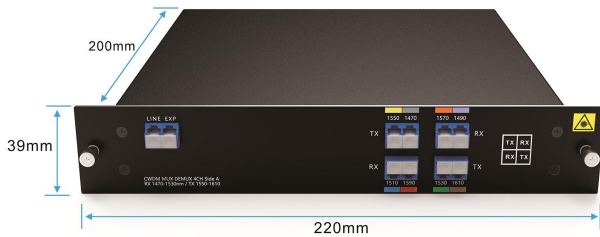
applications as 1G/10G Ethernet, SDH/SONET and 8/4/2/1G, in two optical fiber for point-to-point transmission.

### Product Specification

<b>Wavelength</b>	1470-1610nm	<b>Channel Spacing</b>	20nm
<b>Channel Passband</b>	±6.5nm	<b>Technology</b>	TFF (Thin Film Filter)
<b>Insertion Loss</b>	≤ 2.4dB	<b>Center Wavelength Accuracy</b>	±0.05nm
<b>Return Loss</b>	≥ 45dB	<b>Directivity</b>	≥ 45dB
<b>Polarization Mode Dispersion</b>	≤ 0.1ps	<b>Polarization Dependent Loss</b>	≤ 0.3dB
<b>Channel Isolation</b>	Adjacent ≥30dB Non-adjacent ≥ 45dB	<b>Temperature</b>	Operating -40 to 85°C Storage -40 to 85°C
<b>Net Weight</b>	LGX BOX 0.5KG 2Slot 1u Rack 1.5KG	<b>Dimensions (HxWxD)</b>	LGX BOX 190*200*39mm 2Slot 1u Rack 44*440*230mm

Note: Specified with connectors.

### Package Information



Plug-in LGX Box



2-Slot 1U Rack for LGX BOX

### Order Information

Product No.	Product description
CM8-1U01-4761A	CWDM MUX /DEMUX 4CH 8waves(RX1470nm~1530nm/ TX1550nm~1610nm ) , Single fiber, LC/UPC , Plug-in LGX Box Side A
CD8-1U01-4761B	CWDM MUX /DEMUX 4CH 8waves(RX1550nm~1610nm/ TX1470nm~1530nm ) , Single fiber, LC/UPC , Plug-in LGX Box Side B
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.