

Single Fiber 9Channels(18waves) 1270-1610nm CWDM MUX DEMUX Port, LC/UPC, Plug-in LGX Box and 4slot 1U Rack



The single fiber 9channels(18 waves) CWDM MUX DEMUX is designed by FIBERWDM, A side's waves are : RX 1270, 1310, 1350, 1390, 1430, 1470, 1510, 1550, 1590nm/ TX 1290, 1330, 1370, 1410, 1450, 1490, 1530, 1570, 1610nm, and B side's waves are: RX 1290, 1330, 1370, 1410, 1450, 1490, 1530, 1570, 1610nm/ TX 1270, 1310, 1350, 1390, 1430, 1470, 1510, 1550, 1590nm; it is passive CWDM device and plug-in LGX box, can plug in 2slot 1u rack, support 9channels 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

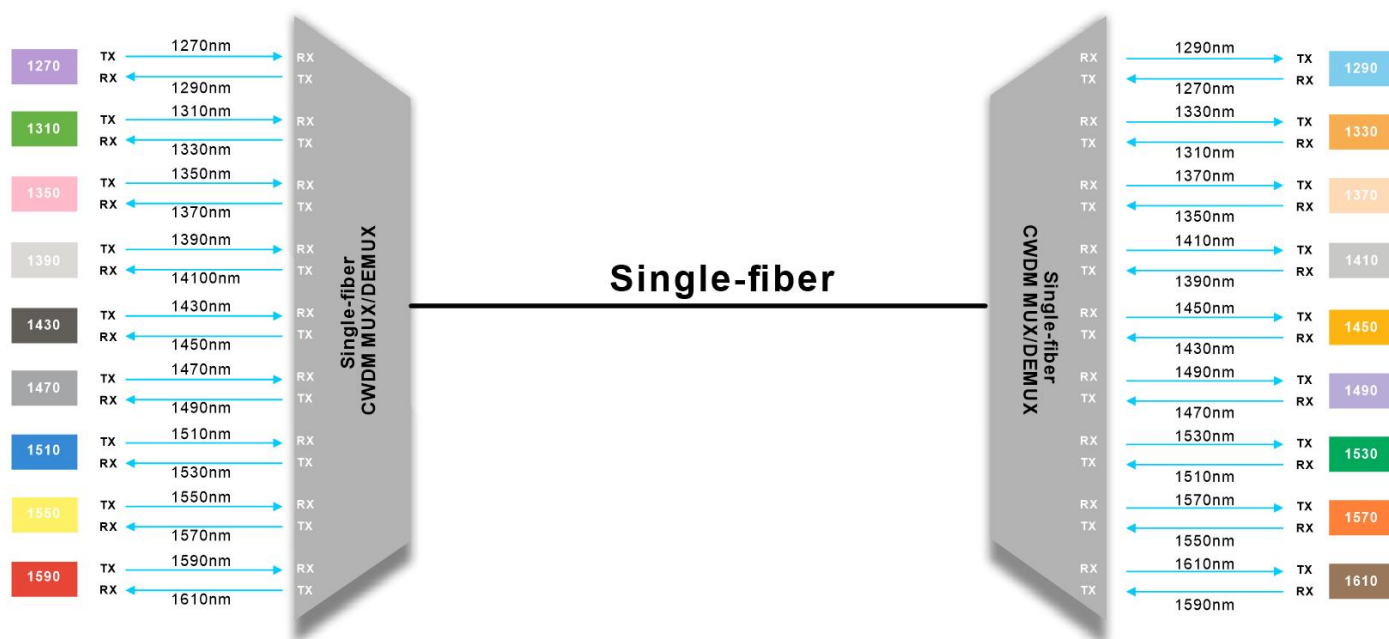


Side A Single Fiber 9CH 18Waves CWDM MUX/ DEMUX



Side B Single Fiber 9CH CWDM MUX/ DEMUX

Line Link



9CH CWDM MUX DEMUX Single fiber transmission

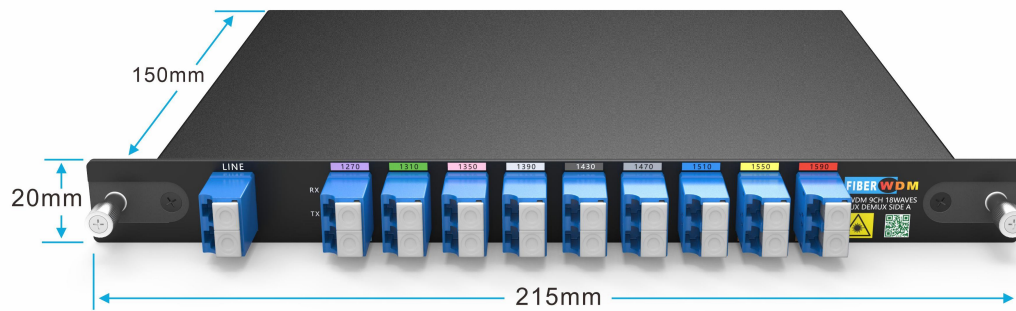
9Channels (18 waves) CWDM MUX/ DEMUX,should be used in pairs, which transmits and receives different wavelengths, support 9 channels difference business,such applications as 1G/10G Ethernet, SDH/SONET and 8/4/2/1G, in two optical fiber for point-to-point transmission.

Product Specification

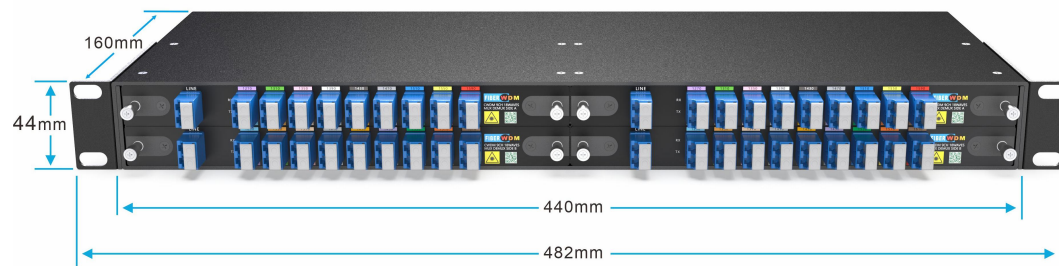
Wavelength	1270-1610nm	Channel Spacing	20nm
Channel Passband	±6.5nm	Technology	TFF (Thin Film Filter)
Insertion Loss	Regular :≤ 5.4dB (With 8 Skip 0: ≤ 2.5dB)	Link Loss(A+B)	Regular :≤ 6.2dB (With 8 Skip 0: ≤ 3.3dB)
Center Wavelength Accuracy	±0.05nm	Return Loss	≥ 45dB
Directivity	≥ 45dB	Polarization Mode Dispersion	≤ 0.1ps
Polarization Dependent Loss	≤ 0.3dB	Channel Isolation	Adjacent ≥30dB Non-adjacent ≥ 45dB
Connector	LC/UPC	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Net Weight	LGX Box: 0.5KG 4slot 1U Rack: 2.5KG	Dimensions (HxWxD)	LGX Box: 215*150*20mm 1U Rack : 440*160*44mm

Note: Specified with connectors.

Package Information



Plug-in LGX Box



4-Slot 1U Rack for LGX BOX

Order Information

Product No.	Product description
CM18-LGX01-2761-A	CWDM MUX /DEMUX 9CH 18waves(RX 1270, 1310, 1350, 1390, 1430, 1470, 1510, 1550, 1590nm/ TX 1290, 1330, 1370, 1410, 1450, 1490, 1530, 1570, 1610nm) , Single fiber, LC/UPC , Plug-in LGX Box, IL≤ 5.4dB
CD18-LGX01-2761-B	CWDM MUX /DEMUX 9CH 18waves(RX 1290, 1330, 1370, 1410, 1450, 1490, 1530, 1570, 1610nm/ TX 1270, 1310, 1350, 1390, 1430, 1470, 1510, 1550, 1590nm) With Monitor Port, Single fiber, LC/UPC , Plug-in LGX Box IL≤ 5.4dB
CM18-LGX01-27S61-A	CWDM MUX /DEMUX 9CH 18waves(RX 1270, 1310, 1350, 1390, 1430, 1470, 1510, 1550, 1590nm/ TX 1290, 1330, 1370, 1410, 1450, 1490, 1530, 1570, 1610nm) With Monitor Port, Single fiber, LC/UPC , Plug-in LGX Box, IL ≤ 2.5dB
CD18-LGX01-27S61-B	CWDM MUX /DEMUX 9CH 18waves(RX 1290, 1330, 1370, 1410, 1450, 1490, 1530, 1570, 1610nm/ TX 1270, 1310, 1350, 1390, 1430, 1470, 1510, 1550, 1590nm) With Monitor Port, Single fiber, LC/UPC , Plug-in LGX Box, IL ≤ 2.5dB
1U02-4LGX	19" inch 1U rack with 4 slot for Plug-in LGX box, 440*160*44mm

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