

Single Fiber 8Channels(16waves) 1310-1610nm CWDM MUX/DEMUX With Monitor Port, LC/UPC, Plug-in LGX Box and 2slot 1U Rack



The single fiber 8channels (16 waves) CWDM MUX DEMUX is designed by FIBERWDM, A side's waves are : RX 1310nm to 1450nm/ TX 1470nm to 1610nm, and B side's waves are: RX 1470nm to 1610nm/ TX 1310nm to 1450nm; 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



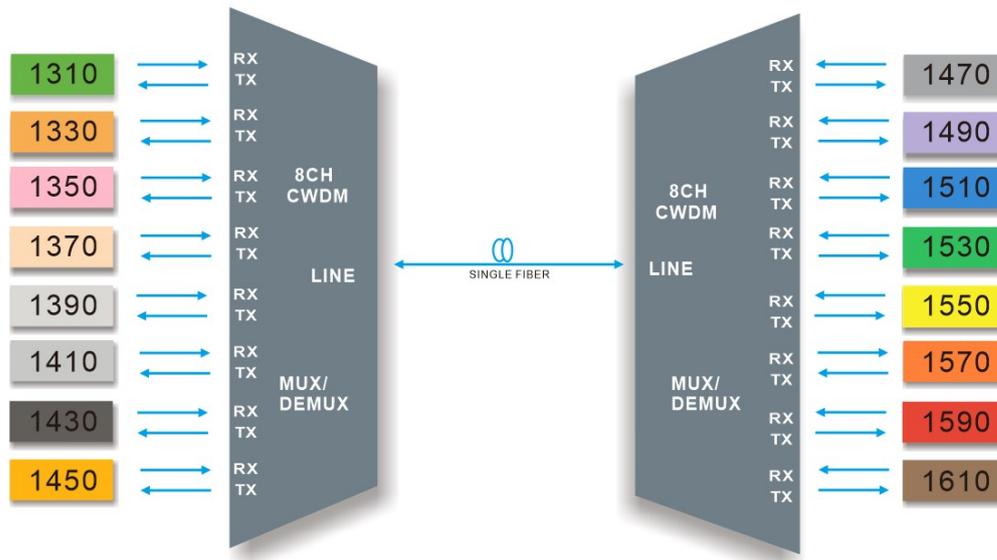
Side A Single Fiber 8CH CWDM MUX/ DEMUX



Side B Single Fiber 8CH CWDM MUX/ DEMUX

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

Line Link



8CH CWDM MUX/ DEMUX Single fiber transmission

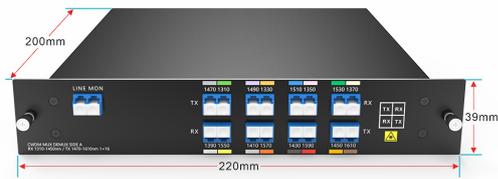
8Channels (16 waves) CWDM MUX/ DEMUX, should be used in pairs, which transmits and receives different wavelengths, support 8 channels difference business, such applications as 1G/10G Ethernet, SDH/SONET and 8/4/2/1G, in two optical fiber for point-to-point transmission.

Product Specification

Wavelength	8ch (16waves) 1310-1610nm	Channel Spacing	20nm
Channel Passband	±6.5nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 4.8dB	Link Loss	≤ 5.6dB
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 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
CM16-1U01-3161M	CWDM MUX /DEMUX 8CH 16waves (RX1310nm~1450nm/ TX1450nm~1610nm) With Monitor Port, Single fiber, LC/UPC , Plug-in LGX Box
CD16-1U01-3161M	CWDM MUX /DEMUX 8CH 16waves (RX1470nm~1610nm/ TX1310nm~1450nm) With Monitor Port, Single 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.