

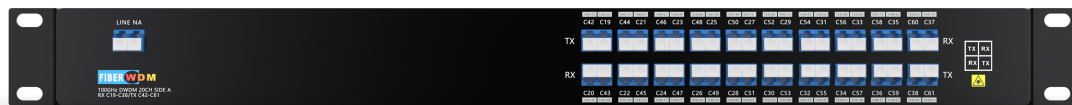
Single Fiber 20CH (40waves) DWDM MUX/ DEMUX, LC/UPC, 1U Rack



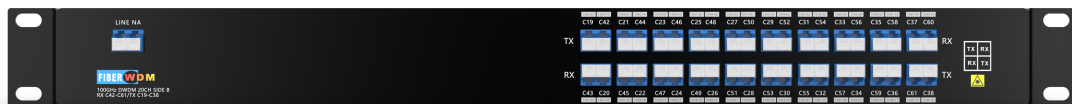
The 20ch(40waves) DWDM MUX/ DEMUX is used in pairs, designed by FIBERWDM, in side A, the waves are: RX C19 to C38(1562.23nm~1546.92nm), TX C42 to C61(1543.73nm~1528.77nm); And in side B, the waves are: RX C42 to C61(1543.73nm~1528.77nm), TX C19 to C38(1562.23nm~1546.92nm).

The 20ch DWDM MUX/ DEMUX insertion loss is: <3.5dB(line loss<7dB) , and totally passive DWDM device, support 20 channels difference business in one optical fiber for point-to-point transmission , so it is greatly used in which rare optical fiber resource, like in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Panel

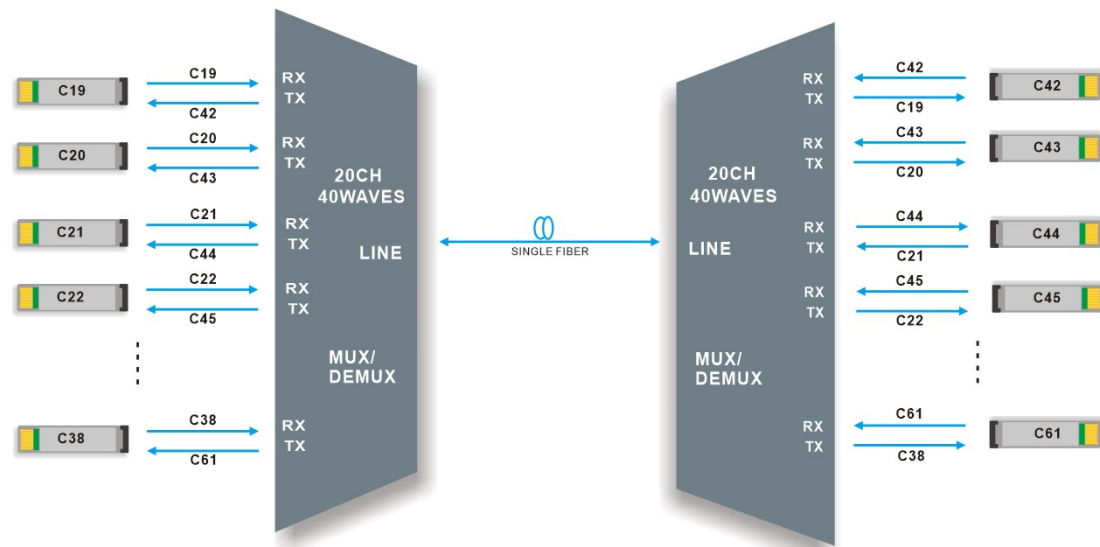


20CH DWDM MUX/ DEMUX RX C19 to C38/ TX C42 to C61 Side A



20CH DWDM MUX/ DEMUX RX C42 to C61/ TX C19 to C38 Side B

Line Link



20CH DWDM MUX/ DEMUX Single fiber BIDI transmission

20 Channels DWDM MUX/DEMUX, supports 20 channels difference business in one optical fiber bi-direction point-to-point transmission.

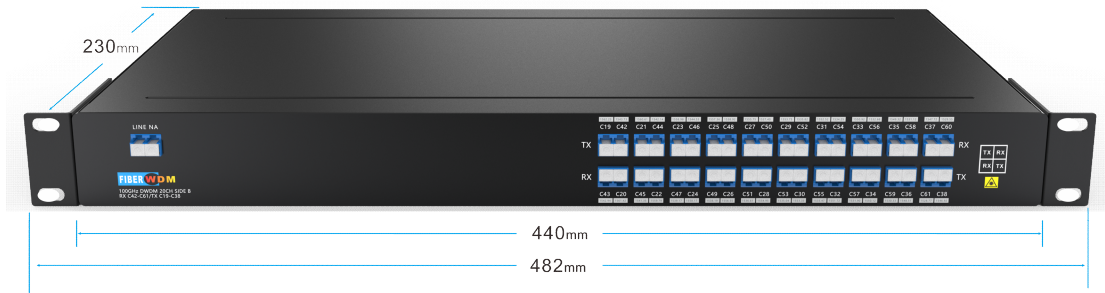
it is greatly used in which rare optical fiber resource, like in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

Wavelength	40 waves C19-C38/C42-C61	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	AAWG (Gaussian)
Insertion Loss	≤ 3.5dB	Link Loss	≤ 7dB
Passband Ripple	≤ 0.5dB	Center Wavelength Accuracy	±0.05nm
Return Loss	≥ 40dB	Directivity	≥ 40dB
Polarization Mode Dispersion	≤ 0.1ps	Polarization Dependent Loss	≤ 0.3dB
Channel Isolation	Adjacent ≥ 25dB Non-adjacent ≥ 30dB	Temperature	Operating -5 to 65°C Storage -40 to 85°C
Net Weight	1.5KG	Dimensions (HxWxD)	44*440*230mm

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

Product No.	Product description
DM40-1U01-C1961	DWDM MUX/ DEMUX 20CH 40 Waves (RX C19-C38/ TX C42-C61) Single fiber, LC/UPC , 1U Rack Side A
DD40-1U01-C1961	DWDM MUX/ DEMUX 20CH 40 Waves (RX C42-C61/ TX C19-C38) Single fiber, LC/UPC , 1U Rack Side B

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