

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

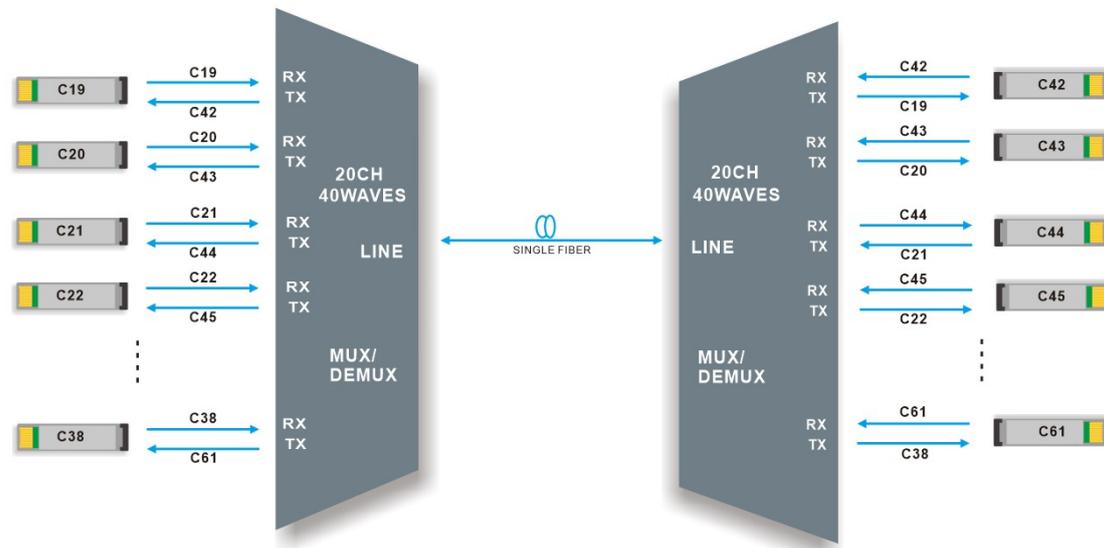


20CH DWDM MUX/ DEMUX RX C19 to C38/ TX C42 to C61 Side A



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.

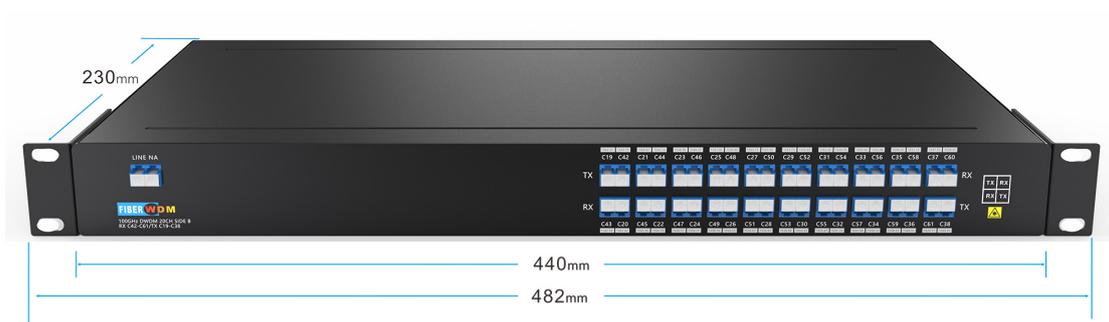
it is greatly used in which rare optical fiber resource, like in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

**Product Specification**

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