

**Single Fiber 8CH 16 Waves DWDM MUX/ DEMUX, With Monitor, 1310nm and EXP Port, LC/UPC, 1U Rack**



The 8ch(16waves) DWDM MUX/ DEMUX with 1310nm is used in pairs, designed by FIBERWDM, in side A, the waves are: RX C21 to C28(1560.61nm~1554.94nm), TX C45 to C52(1541.35nm~1535.82nm); And in side B, the waves are: RX C45 to C52(1541.35nm~1535.82nm), TX C21 to C28(1560.61nm~1554.94nm).

And The 1310nm port IL<0.8dB, pass band is  $\pm 50$ nm, so can support one 10G BIDI 1270/1330 Signal.

**Product Panel**



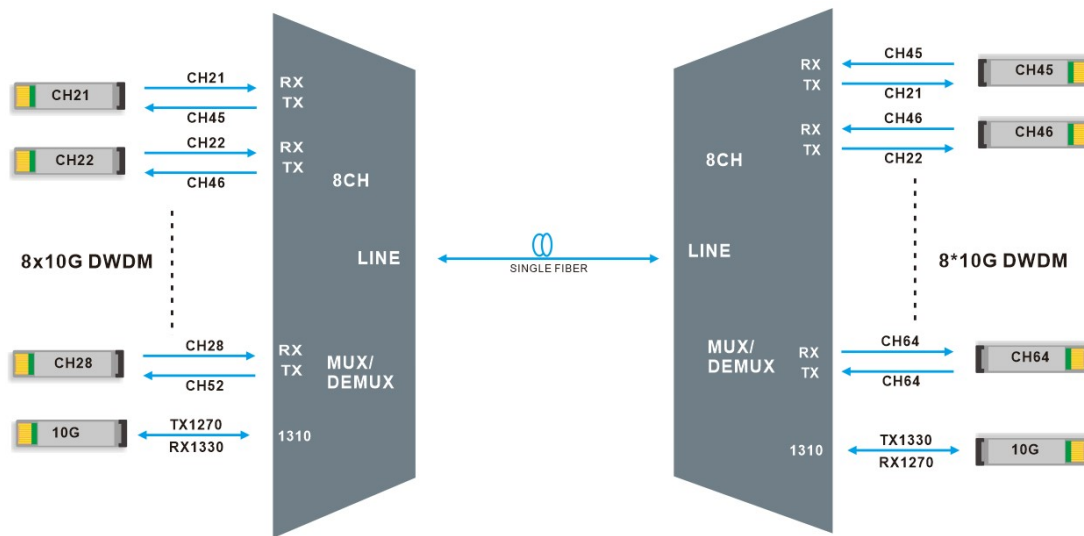
**8CH DWDM MUX/ DEMUX Single Fiber Side A**



**8CH DWDM MUX/ DEMUX Single Fiber Side B**

- ◆ 1310nm port can support 10G bidi 1270/1330nm
- ◆ Mon port is for network link monitoring or power monitoring, easy troubleshooting without affecting traffic.
- ◆ Expansion Port for Future Bandwidth Increasing, makes it possible to increase the network capacity by connecting it to the line port of another DWDM MUX/DEMUX supporting different wavelengths, without the need of installing or leasing additional fibers.

Line Link



8CH DWDM MUX/ DEMUX Single fiber transmission

Supports 9 channels difference business in one optical fiber for point-to-point transmission.

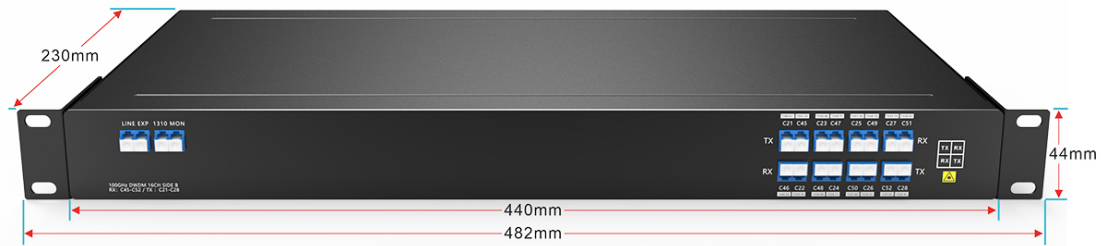
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

<b>Wavelength</b>	8ch 16 waves C21-C28/C45-C52	<b>Channel Spacing</b>	100GHz (0.8nm)
<b>Channel Passband</b>	±0.11nm	<b>Technology</b>	TFF (Thin Film Filter)
<b>Insertion Loss</b>	≤ 3.5dB	<b>Link Loss</b>	≤ 4.5dB
<b>1310nm Port Pass Band Width</b>	1260nm~1360nm	<b>Insertion Loss @ 1310 port</b>	≤ 0.8dB
<b>Insertion Loss @ 1% Mon</b>	≤ 26dB	<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>	3.5KG	<b>Dimensions (HxWxD)</b>	44*440*230mm

Note: Specified with connectors.

### Package Information



### Order Information

Product No.	Product description
DM16-1U01-C2152-31M-A	DWDM MUX//DEMUX 8CH 16Waves (RX C21-C28/TX C45-C52) With Monitor, 1310nm and EXP Single fiber, LC/UPC , 1U Rack, Side A
DD16-1U01-C2152-31M-B	DWDM MUX/ DEMUX 8CH 16Waves (RX C45-C52/TX C21-C28) With Monitor, 1310nm and EXP Single fiber, LC/UPC , 1U Rack, Side B

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