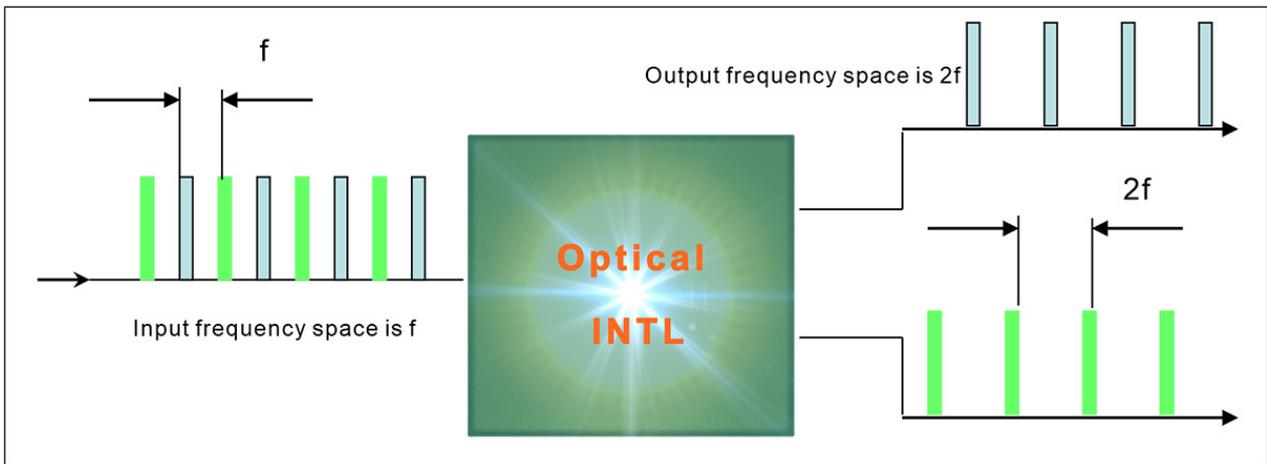


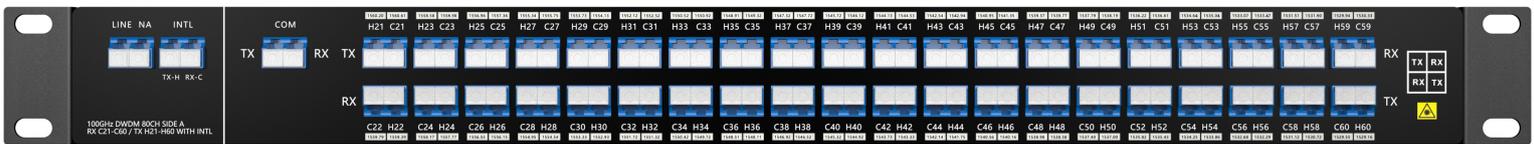
# Single Fiber 40CH 80Waves C21-C60/H21-H60 DWDM MUX DEMUX, With INTL port, LC/UPC, 1U Rack

The 40CH 80Waves DWDM MUX/ DEMUX can support 40channel business Bidi transmission on one single fiber, wavelength from C21 to C60/ H21 to H60, in accordance with the ITU-T G.694.1 100GHZ grid, it maximizes the capacity of the C-band range.

And FIBERWDM provide a INTL port is a three-port optical passive device. When a series wave with frequency space  $f$  pass this device, this wave will be de-multiplexed to two series wave with frequency space  $2f$  and interleaved output to other two ports. The optical INTL is complete passive, no temperature control need, with excellent environmental stability. It meets Telcordia GR-1221-CORE requirements.



## Product Panel

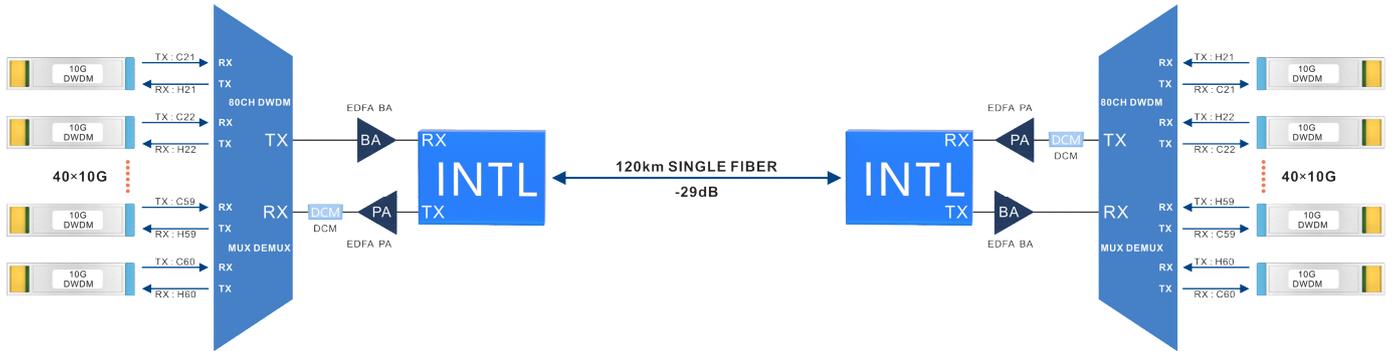


### 40CH 80Waves RX C21~C60 / TX H21~H60 DWDM MUX DEMUX, With INTL Port Single fiber in Side A



### 40CH 80Waves RX H21~H60/ TX C21~C60 DWDM MUX DEMUX, With R/B Port Single fiber in Side B

Line Link



40CH DWDM MUX/ DEMUX Single fiber BIDI transmission

40 Channels DWDM difference business in one optical fiber for point-to-point transmission.

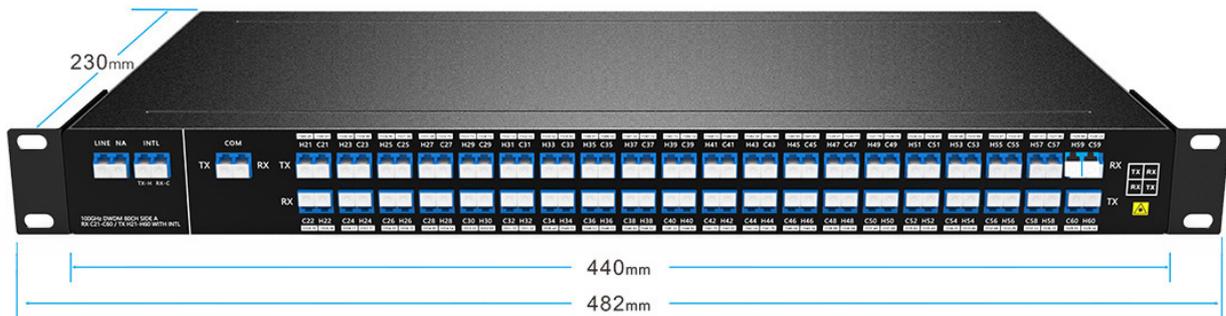
It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

Product Specification

<b>Wavelength</b>	C21-60/H21-H60	<b>Channel Spacing</b>	100GHz (0.8nm)
<b>Channel Passband</b>	±0.11nm	<b>Technology</b>	AAWG
<b>Insertion Loss</b>	≤ 5.5dB	<b>INTL Loss</b>	≤2.4dB
<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>	3.5KG	<b>Dimensions (HxWxD)</b>	44*440*230mm

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

**Order Information**

<b>Product No.</b>	<b>Product description</b>
DM80-1U01-C21H60-INTL-A	DWDM MUX DEMUX 40CH 80Waves (RX C21~C36/ TX H21~H60), With INTL Port Single fiber 1U Rack Side A
DD80-1U01-C21H60-INTL-B	DWDM MUX DEMUX 40CH 80Waves (RX H21~H60/ TX C21~C60), With INTL Port Single fiber in Side B

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