

## Single Fiber 16CH C21-C36/C45-C60 DWDM MUX DEMUX, With RB , LC/UPC, 1U Rack

16CH DWDM MUX/ DEMUX Single fiber BIDI transmission



### Features

- Low insertion loss
- Excellent channel isolation
- High stability and reliability
- Epoxy-free optical path
- Compliant to ITU-T G.694.1 100GHz grid
- Wide Operating Temperature: -20 to 70°C

### Application

- Channel Add/Drop
- DWDM Network
- Wavelength Routing
- Fiber Optical amplifier

### Description

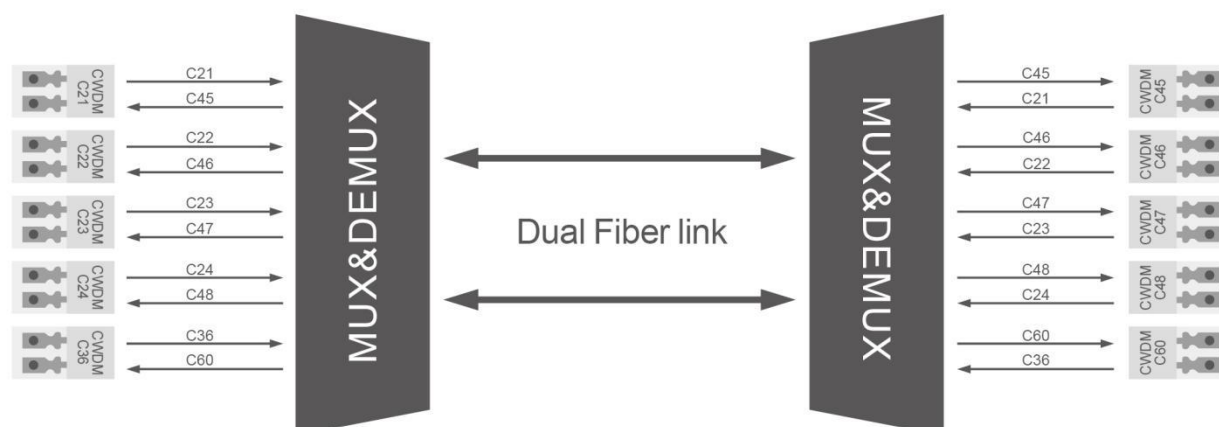
16 channels 32Waves DWDM MUX/ DEMUX

Support 16 channel business Bidi transmission on one single fiber, wavelength from C21 to C36/ C45 to C60, in accordance with the ITU-T G.694.1 100GHz grid, it maximizes the capacity of the C-band range. 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. It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries.

16CH 32Waves RX C21~C36 (1560.61nm~1548.51nm ) / TX C45~C60 (1541.35nm~1529.55nm) DWDM MUX DEMUX, With R/B Port Single fiber in Side A.

16CH 32Waves RX C45~C60 (1541.35nm~1529.55nm)/ TX C21~C36 (1560.61nm~1548.51nm ) DWDM MUX DEMUX, With R/B Port Single fiber in Side B

## Line Link



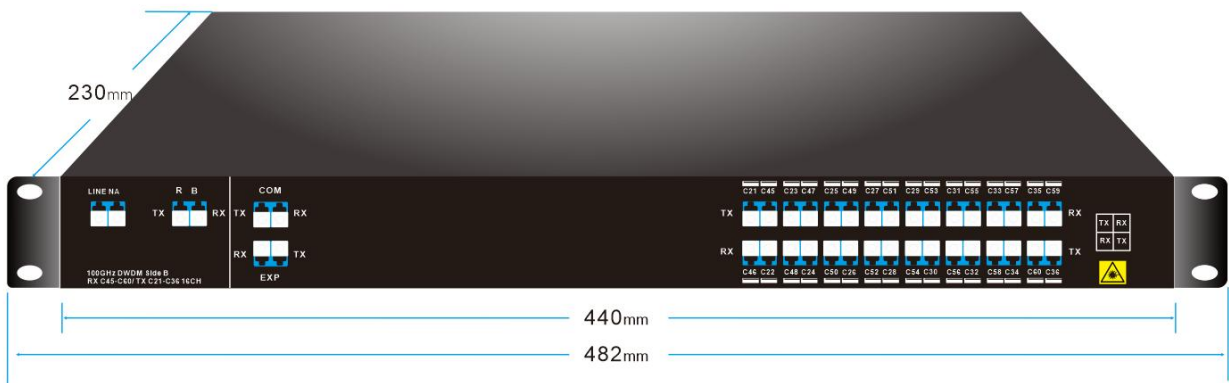
16CH DWDM MUX/ DEMUX Single fiber BIDI transmission

## Product Specification

Parameter	Specification
Wavelength	C21~C36/C45~60
Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm
Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 4.0dB
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 -20 to 70°C Storage -40 to 85°C
Net Weight	3.5KG
Dimensions (HxWxD)	44*440*230mm

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

Product No.	Product description
DM32-1U01-C2160-RB-A	DWDM MUX DEMUX 16CH 32Waves (RX C21~C36/ TX C45~C60), With R/B Port Single fiber in Side A
DD32-1U01-C2160-RB-B	DWDM MUX DEMUX 16CH 32Waves (RX C45~C60/ TX C21~C36), With R/B Port Single fiber in Side B

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