

Single Fiber 8CH (16waves) DWDM MUX/ DEMUX, With 1270/1330nm Bidi Port, LC/UPC, 1U Rack

The 8ch(16waves) DWDM MUX/ DEMUX with 1270/1330nm bidi port, is used in pairs, designed by FIBERWDM, in side A, the waves are: RX C21 to C28(1560.61nm~1554.94nm), TX C29 to C36(1554.13nm~1548.51nm); And in side B, the waves are: RX C29 to C36(1554.13nm~1548.51nm), TX C21 to C28(1560.61nm~1554.94nm), it support 8ch DWDM and 1ch 10G 1270/1330 bidi business in one fiber for transfer system.

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

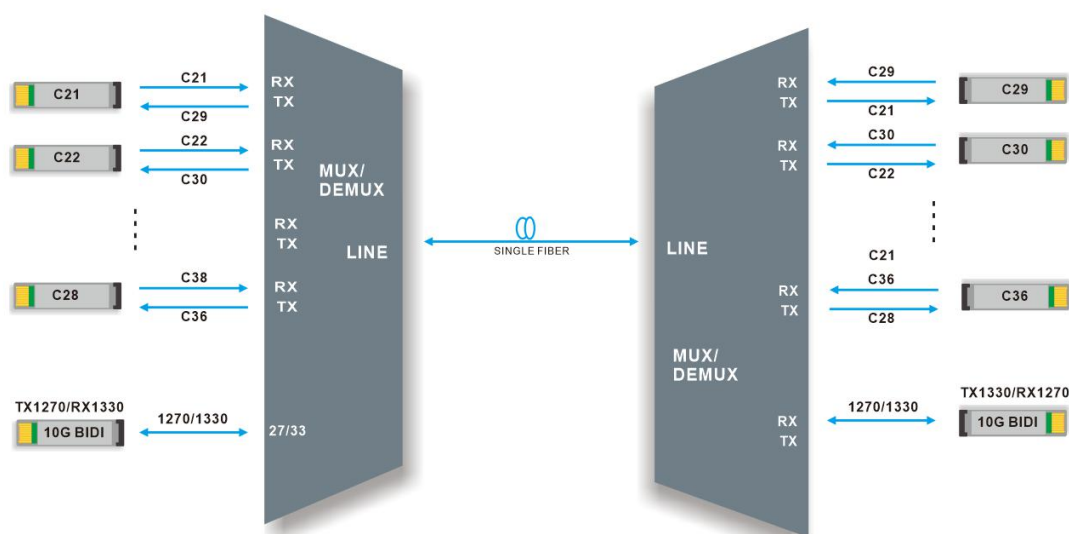


8CH(16waves) DWDM MUX/ DEMUX RX C21 to C28/ TX C29 to C36 With 1270/1330 Bidi Port
Side A



8CH(16waves) DWDM MUX/ DEMUX RX C29 to C36/ TX C21 to C28 With 1270/1330 Bidi Port
Side B

Line Link



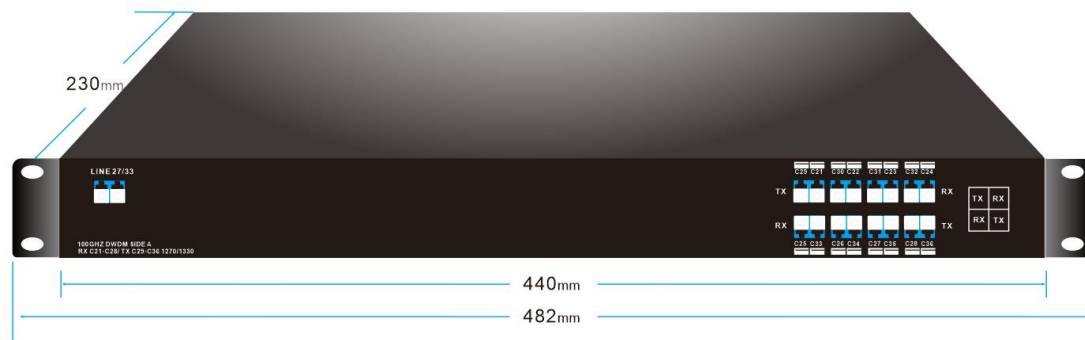
8CH DWDM MUX/ DEMUX with 1270/1330 BIDI for Single fiber BIDI transmission

Product Specification

Wavelength	16 waves C21-C36	Channel Spacing	100GHz (0.8nm)
Channel Passband	±0.11nm	Technology	TFF (Thin Film Filter)
Insertion Loss@DWDM	≤ 4.8dB	Link Loss@DWDM	≤ 6.0dB
Insertion Loss@1270/1330	≤ 1.0dB	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 -5 to 65°C Storage -40 to 85°C
Insertion Loss@R/B	PASS:≤ 0.6dB Reflect:≤0.8dB	Isolation@R/B	PASS:≥ 30dB Reflect:≥15dB
Net Weight	3KG	Dimensions (HxWxD)	44*440*230mm

Note: Specified with connectors.

Package Information



19" Inch 1U Rack

Order Information

Product No.	Product description
DM16-1U01-C2136-2733	8CH(16waves) DWDM MUX/ DEMUX RX C21 to C28/ TX C29 to C36 With 1270/1330 Bidi Port Side A
DD16-1U01-C2136-2733	8CH(16waves) DWDM MUX/ DEMUX RX C29 to C36/ TX C21 to C28 With 1270/1330 Bidi Port Side B

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