

Single Fiber 6CH 12 Waves C-band + 4CH 8 Waves O-band DWDM MUX/ DEMUX, LC/UPC, 1U Rack

The 6CH 12(Waves) C-band + 4CH 8(Waves) O-band DWDM MUX/ DEMUX is used in pairs, designed by FIBERWDM.

In side A, the C-band waves are: RX C21 to C26(1560.61nm~1556.55nm), TX C27 to C32(1555.75nm~1551.72nm),the O-band waves are

RX:1295.56/1296.68/1297.80/1298.93nm, TX:1300.05/1301.18/1302.31/1303.45nm;

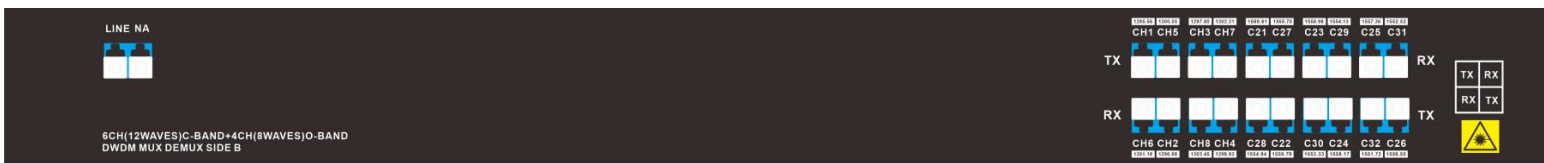
And in side B, the waves are: RX C27 to C32(1555.75nm~1551.72nm), TX C21 to C26(1560.61nm~1556.55nm),the O-band waves are

RX:1300.05/1301.18/1302.31/1303.45nm, TX:1295.56/1296.68/1297.80/1298.93nm;

Product Panel

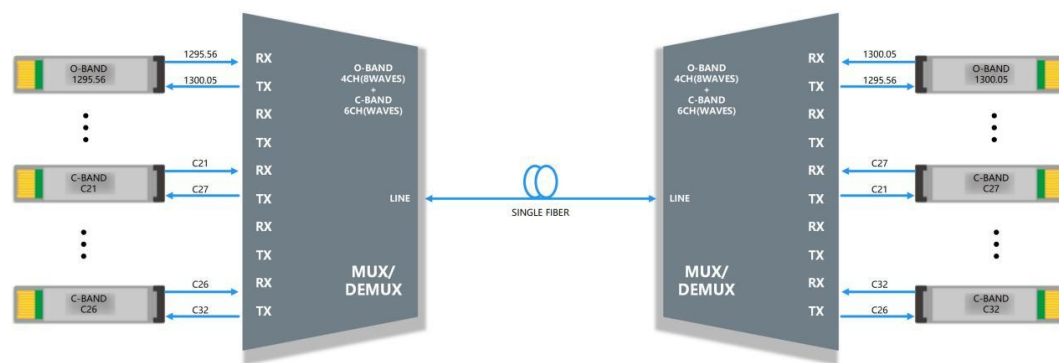


6CH 12Waves C-band + 4CH 8Waves O-band DWDM MUX/ DEMUX
Single Fiber Side A



6CH 12Waves C-band + 4CH 8Waves O-band DWDM MUX/ DEMUX
Single Fiber Side B

Line Link



6CH (12Waves) C-band + 4CH(8Waves) O-band DWDM MUX DEMUX Single fiber transmission

6CH (12Waves) C-band + 4CH(8Waves) O-band DWDM MUX DEMUX, supports 10 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

Work Wavelength	C-BAND: C21~C26,C27~C32 O-BAND: 1295.56/1296.68/1297.80/1298.93nm/1300.05/1301.18/1302.31/1303.45nm	Channel Spacing	C-BAND: 100GHz(0.8nm) O-BAND: 200GHz(1.12nm)
Channel Passband	±0.11nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 4.5dB@C-BAND ≤ 3.0dB@C-BAND	Insertion Loss Temperature Sensitivity	≤ 0.5dB
Return Loss	≥ 45dB	Directivity	≥ 45dB
Polarization Mode Dispersion	≤ 0.2ps	Polarization Dependent Loss	≤ 0.3dB
Channel Isolation	Adjacent ≥25dB Non-adjacent ≥ 35dB	Temperature	Operating -40 to 85°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
DMD20-1U01-C2132 +O-BAND A	DWDM MUX/DEMUX C-BAND 6CH(12waves) RX C21-C26/ TX C27-C32, O-BAND 4CH(8waves)RX1295.56/1296.68/1297.80/1298.93nm,TX1300.05/1301.18/1302.31/1303.45nm, LC/UPC,Single fiber, 1Uchassis,Side A
DMD20-1U01-C2132 +O-BAND B	DWDM MUX/DEMUX C-BAND 6CH(12waves) RX C27-C32/ TX C21-C26, O-BAND 4CH(8waves)RX1300.05/1301.18/1302.31/1303.45nm,TX1295.56/1296.68/1297.80/1298.93nm,, LC/UPC,Single fiber, 1Uchassis,Side B

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