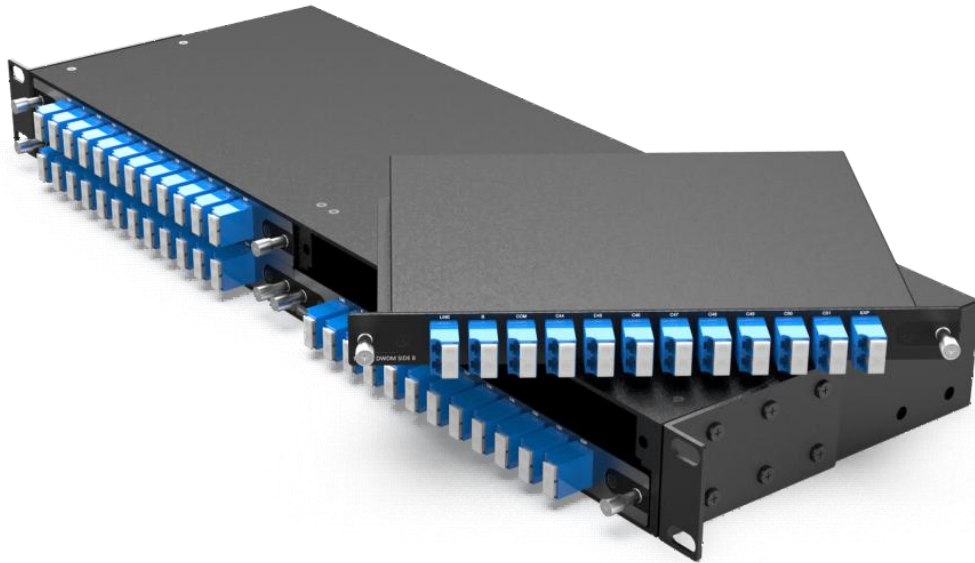


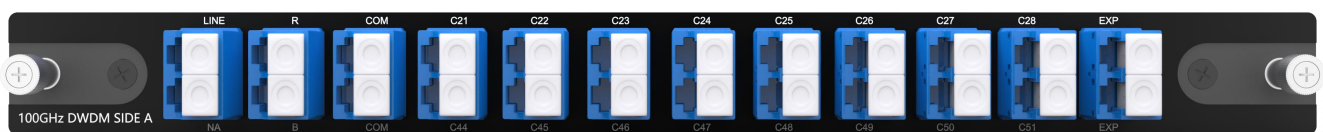
Single Fiber 8CH 16 Waves DWDM MUX/ DEMUX, With EXP Port, and R/B Filter LC/UPC, LGX Box, and 4 Slots 1U Rack



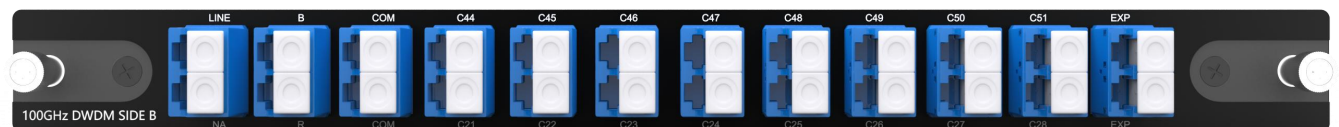
The 8ch(16waves) DWDM MUX/ DEMUX with Blue and Red (R/B) filter, is used in pairs, designed by FIBERWDM, in side A, the waves are: RX C21 to C28, TX C44 to C51; And in side B, the waves are: RX C44 to C51, TX C21 to C28. it conjunct with the DWDM amplifiers and DCM device, the 8ch DWDM transfer system can support a long distance transmission in one fiber.

And it is LGX box Plug-in designed, so it can plug in the 4-Slot 1U rack, Max capacity support 4*8channels in the system.

Product Panel



8CH DWDM MUX/ DEMUX Single Fiber Side A



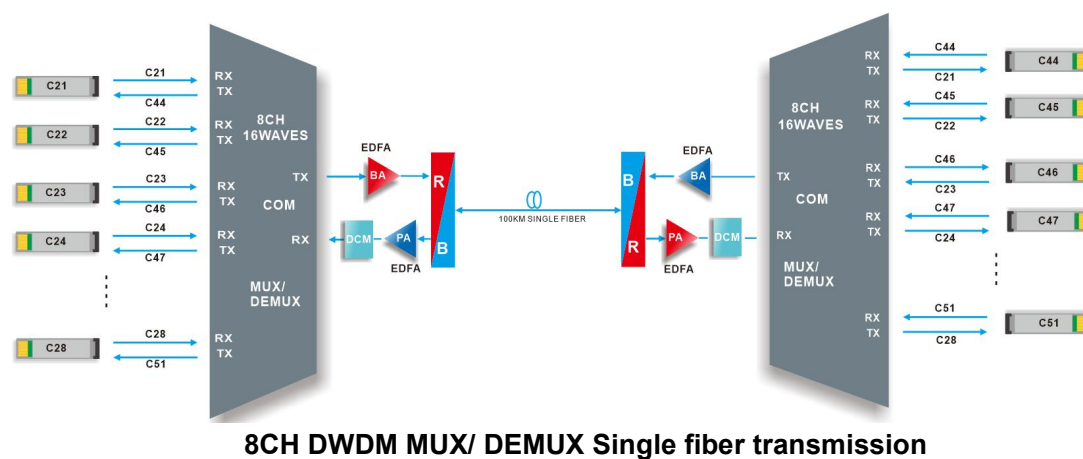
8CH DWDM MUX/ DEMUX Single Fiber Side B



4-Slot 1U rack

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



8 Channels DWDM MUX/ DEMUX supports 8 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

Wavelength	8ch 16 waves C21-C28/C44-C51	Channel Spacing	100GHz (0.8nm)
Channel Passband	$\pm 0.11\text{nm}$	Technology	TFF (Thin Film Filter)
Insertion Loss	$\leq 3.5\text{dB}$	Link Loss	$\leq 4.5\text{dB}$
Return Loss	$\geq 45\text{dB}$	Directivity	$\geq 45\text{dB}$
Polarization Mode Dispersion	$\leq 0.1\text{ps}$	Polarization Dependent Loss	$\leq 0.3\text{dB}$
Channel Isolation	Adjacent $\geq 30\text{dB}$ Non-adjacent $\geq 45\text{dB}$	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Insertion Loss@R/B	PASS: $\leq 0.6\text{dB}$ Reflect: $\leq 0.8\text{dB}$	Isolation@R/B	PASS: $\geq 30\text{dB}$ Reflect: $\geq 15\text{dB}$

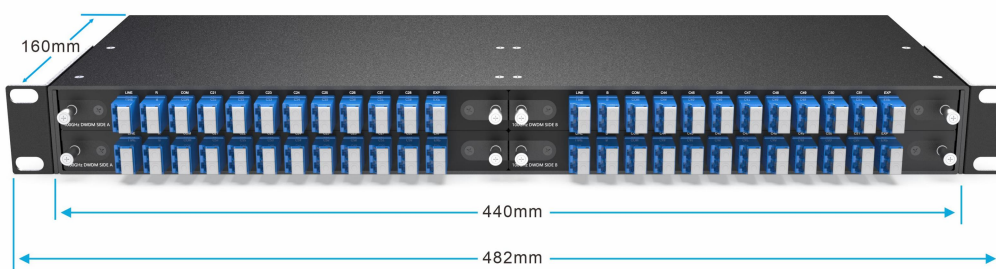
Net Weight	LGX Box: 0.5KG	Dimensions (HxWxD)	LGX Box: 20*215*150mm
	4slot 1U Rack: 1.5KG		1U Rack : 44*440*230mm

Note: Specified with connectors.

Package Information



LGX BOX Plug in 4-Slot 1U Rack



4-Slot 1U Rack for LGX BOX

Order Information

Product No.	Product description
DM8-LGX01-C2151-RB-A	DWDM MUX//DEMUX 8CH 16Waves (RX C21-C28/TX C44-C51) With EXP Port and RB filter, Single fiber, LC/UPC , Plug-in LGX Box 20*215*150mm, Side A
DD8-LGX01-C2151-RB-B	DWDM MUX/ DEMUX 8CH 16Waves (RX C44-C51/TX C21-C28) With EXP Port and RB filter, Single fiber, LC/UPC , Plug-in LGX Box 20*215*150mm, Side B
1U-4LGX02	19" inch 1U rack with 4 slot for Plug-in LGX box, 440*160*44mm

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