

JDMX-XXXX-40D

40 Channels DWDM MUX/DEMUX 1U Chassis system Ch21~60
Wavelength Optional



FEATURES & BENEFITS

- Compliant to DWDM ITUT G.694.1 H Band 100GHz
- Multiplexing of up to 40 DWDM wavelengths
- Protocol transparent, support 1G, 10G, 100G etc
- Low insertion loss
- LC/UPC connectors
- Athermal AWG
- High stability and reliability
- 19" 1U Rackmount system
- Custom design supported

Application

- Network Communication
- FTTH/FTTB/FTTx
- ISP Backhaul Networking

OVERVIEW

JDMX-XXXX-40D is a 1U Chassis packaged Dual Fiber DWDM MUX/DEMUX system. It is specifically designed to multiplex upto 40 Ch DWDM Ch21~60 traffic using high quality filters. It is fully protocol transparent and to perfectly fulfill applications including 1G/10G/100G Ethernet, SDH/SONET, 1/2/4/8/16/32G Fibre Channel/FICON, CATV and FTTx.

SPECIFICATIONS

Access Type	Dual Fiber	
Channels	40	
EXP	Optional	
MON	Optional	
Packaging	1U Chassis	
Dimension	44x483x250mm	mm
Insertion loss IL	< 4.5	dB
Mux+Demux IL	< 8.7	dB
Center Wavelength	Ch21~60	nm
Channel Spacing	100	GHz
Channel Passband	±0.11	nm
Center Wavelength Accuracy	±0.05	nm
Channel Uniformity	< 1.0	dB
Adjacent channel isolation	> 22	dB
Non adjacent channel isolation	> 30	dB
Directivity	> 45	dB
Return Loss	> 50	dB
PDL	< 0.5	dB
PMD	< 0.5	ps
Wavelength thermal stability	< 0.003	nm/°C
Insertion Loss thermal stability	< 0.005	nm/°C
Power Handling	< 300	mW
Operating temperature	0 ~ +70	°C
Storage temperature	-40 ~ +85	°C