

100G DWDM Module

Features:
Low Insertion Loss & High Isolation High Stability and Reliability
Application:
DWDM Network

Specifications:

Parameter	1x2	4 ch	8 ch	16ch	20ch
Channel Wavelength (nm)	ITU 100 GHz Grid				
Center Wavelength Accuracy (nm)	± 0.05				
Minimum Channel Spacing (GHz)	100 (0.8nm)				
Channel Passband (@-0.5dB bandwidth) (nm)	> 0.22				
Insertion Loss (dB)	P : < 0.8 R :>0.6	< 2.0	< 3.2	< 4.5 (not include skip filter) < 3.0(include skip filter)	< 5.5 (not include skip filter) < 4.0(include skip filter)
Channel Ripple (dB)	< 0.3				
Insertion Loss (+ 1% Mon) (dB)	< +0.3				
Insertion Loss (+1310nm port) (dB)	< +0.3				
Isolation	Adjacent	P> 30 R> 15	> 30		
	Non-adjacent	> 40			
Insertion Loss Temperature Sensitivity (dB/°C)	< 0.005				
Wavelength Temperature Shifting (nm/°C)	< 0.002				
Polarization Dependent Loss (dB)	< 0.10	< 0.10	< 0.10	< 0.15	
Polarization Mode Dispersion(ps)	< 0.10				
Directivity (dB)	> 50				
Return Loss (dB)	> 45				
Power Handling (mW)	300				
Operating Temperature (°C)	0 ~+70				
Storage Temperature (°C)	-40 ~+85				
Package Dimension (mm)	1=SUS 5.5x35 Glass	4=100x80x10	7=120x80x18		
	2=3.2x25	5=Mini: 80x60x12	8=110x93x10		
	3=4.0x30	6=100x45x10	9=141x115x18		
	10=LGX 1U L180xW129xH29				
	11=Plug In Box 130x100x25mm				
	12= 19"1U Rack L483xW330x44.5mm				

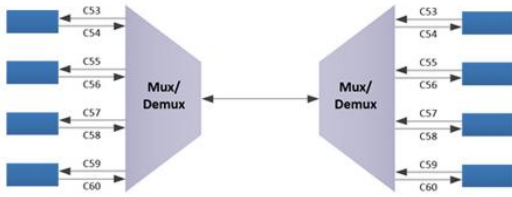
*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

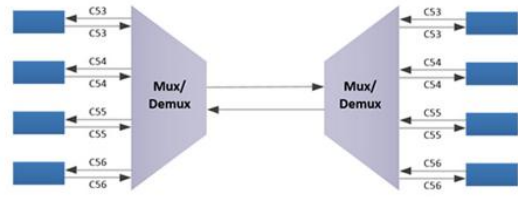
Ordering Information

DWDM	Mux/Demux	Port	Express Port	Channel	0	Package Type	Pigtail Type	Length	Connector
	D=Memux M=Mux	04=1*4 08=1*8 16=1*16 20=1*20	0=No EXP/UPG/Monitor/1310nm 1=include EXP/UPG/Monitor/1310nm	XX=Start ITU		1=P1 2=P2 3=P3	1=250um 2=900um 3=3mm 4=2mm	H=0.5m 8=0.8m 1=1.0m A=2.5m B=5.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify

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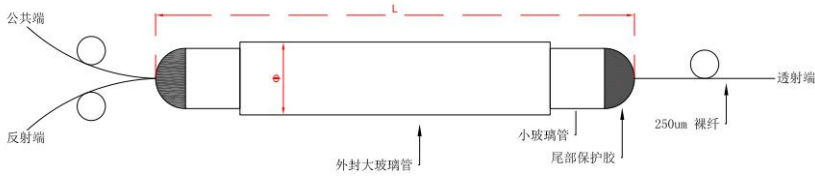


Single Fiber Bidirectional Transmission Mode
The wavelength of MUX and DEMUX is different

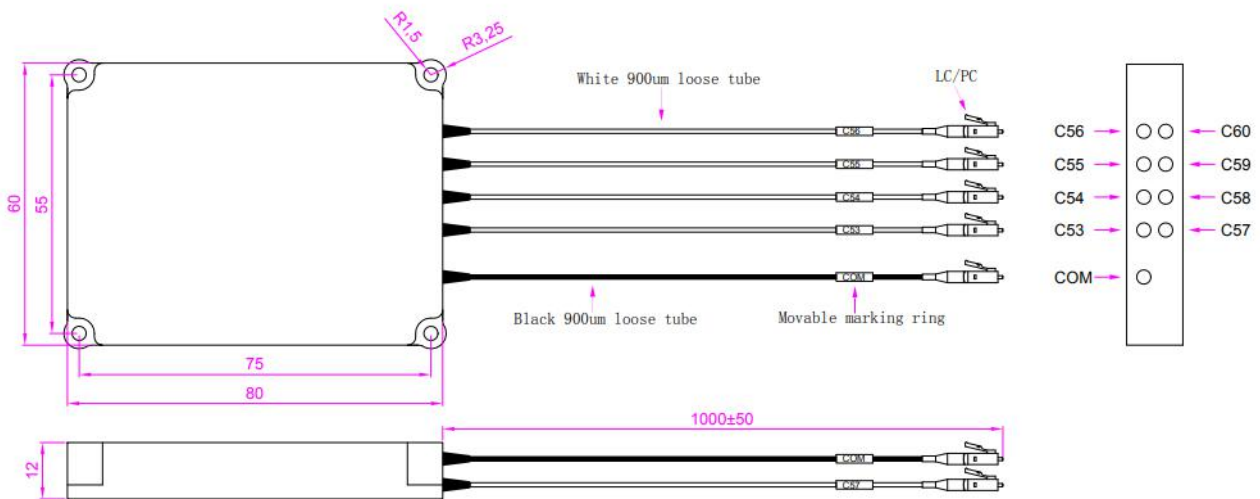


Dual Fiber Bidirectional Transmission Mode
The wavelength of MUX and DEMUX is the same

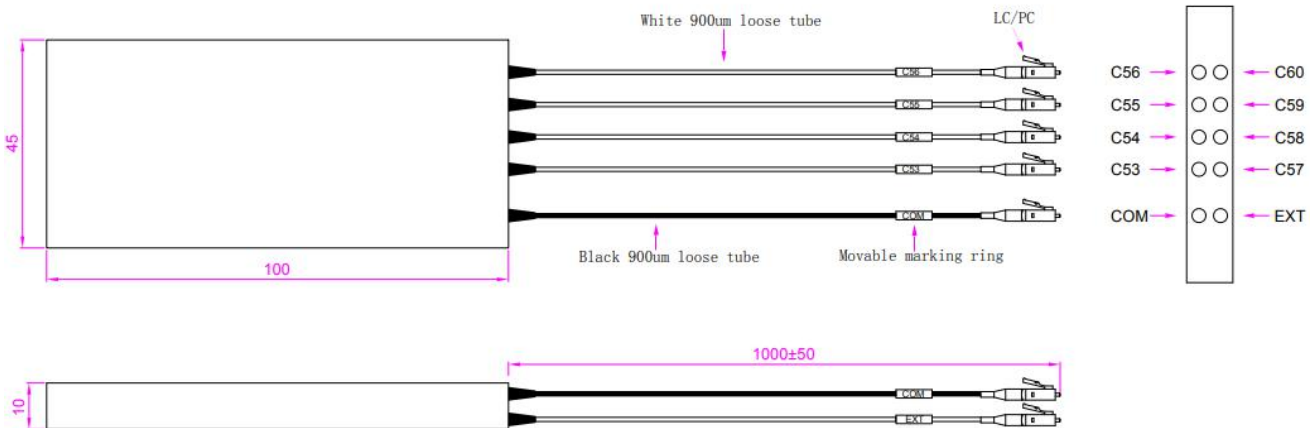
Glass Tube Package



MINI: ABS 80x60x12mm

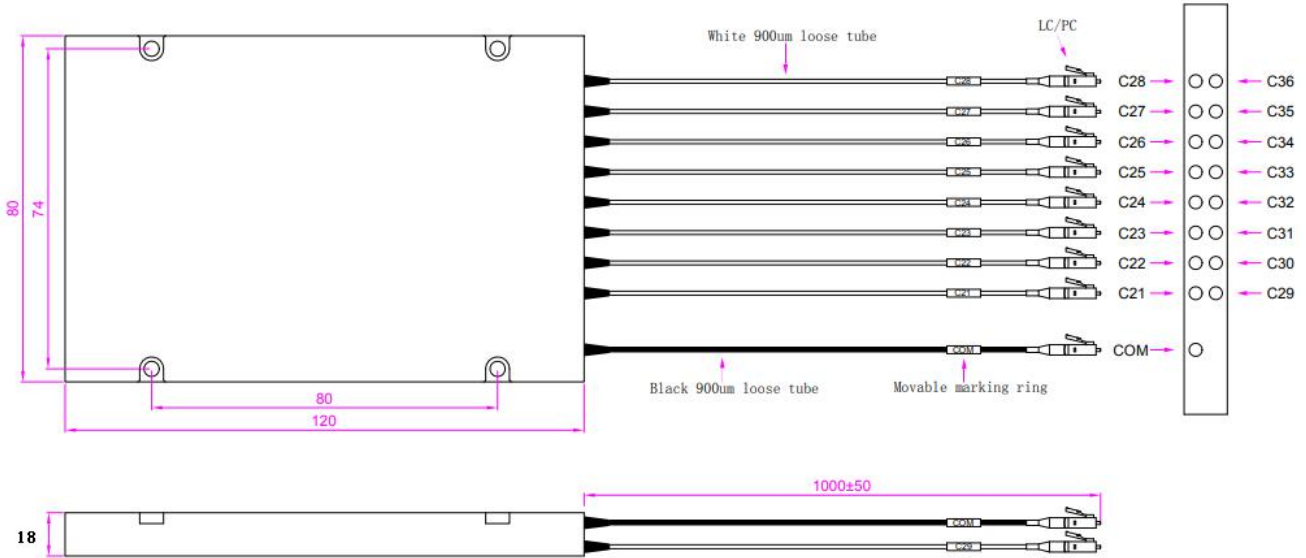


100x45x10mm

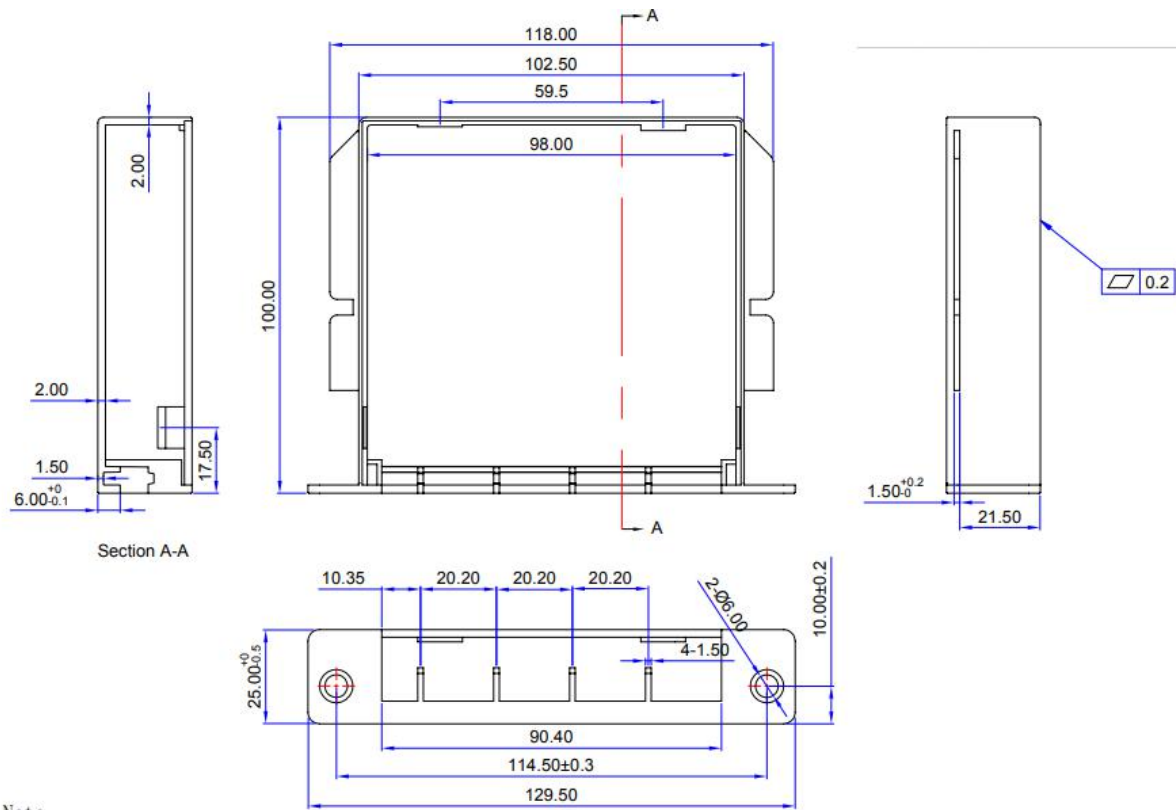


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120x80x18mm

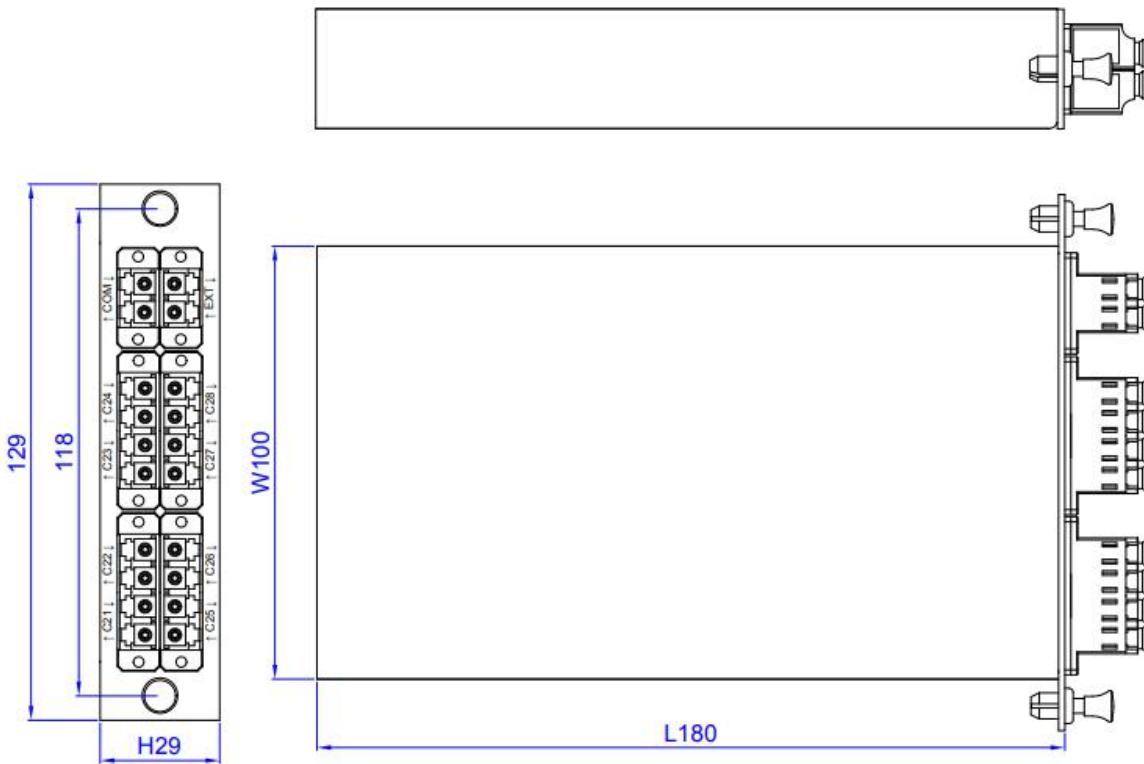


Plug In Box 130x100x25mm



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LGX 1U L180xW129xH29



19"1U Rack L483xW330x44.5mm

