

100GHZ DWDM Module

Features:

Low Insertion Loss & High Isolation
High Stability and Reliability

Application:

DWDM Network

Specifications:

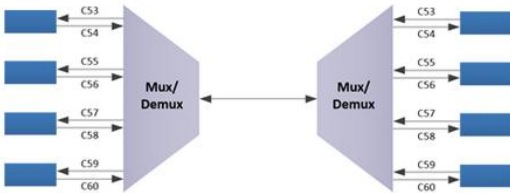
Channel Wavelength (nm)	ITU 100 GHz Grid			
Center Wavelength Accuracy (nm)	± 0.05			
Minimum Channel Spacing (GHz)	100 (0.8nm)			
Channel Passband (@-0.5dB bandwidth) (nm)	> 0.22			
Insertion Loss (dB)	< 2.0	< 3.0	< 4.5 (not include skip filter)	< 5.5 (not include skip filter)
			< 3.0 (include skip 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 (dB)	Adjacent	> 28		
	Non-adjacent	> 40		
Insertion Loss Temperature Sensitivity (dB/°C)	< 0.005			
Wavelength Temperature Shifting (nm/°C)	< 0.002			
Polarization Dependent Loss (dB)	< 0.10		< 0.15	
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)	ABS: 6=100x80x10 7=120x80x18 8=110x93x10 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.

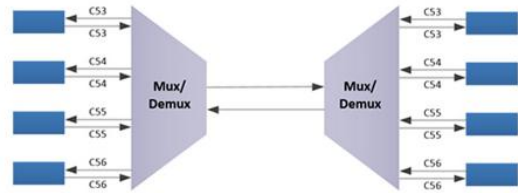
*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Ordering Information

DW DM	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=P6 2=P7 3=P8 4=P10 5=P11 6=P12	1=250um 2=900um 3=3mm 4=2mm	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify

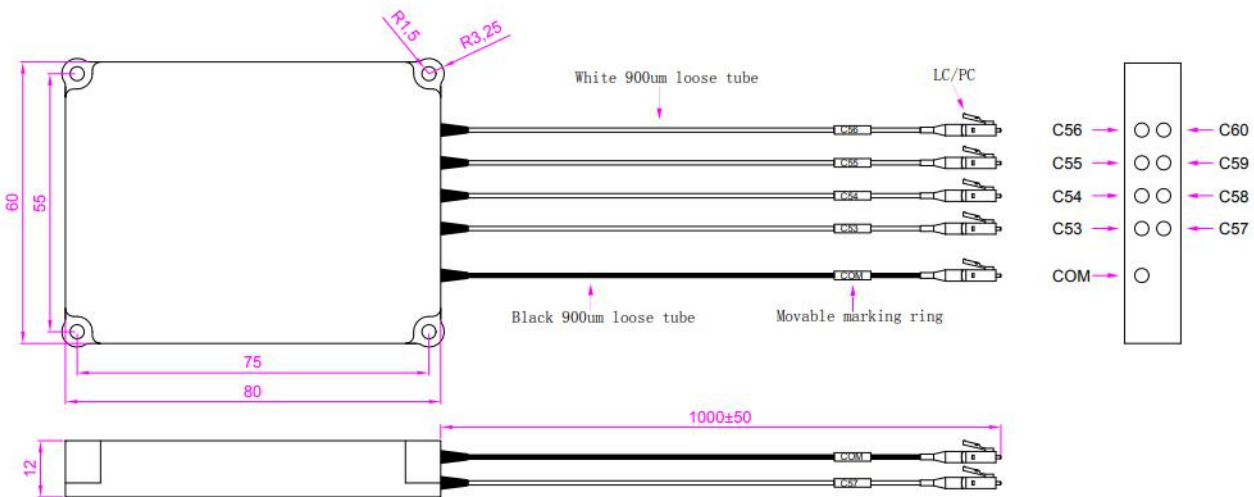


Single Fiber Bidirectional Transmission Mode
The wavelength of MUX and DEMUX is different

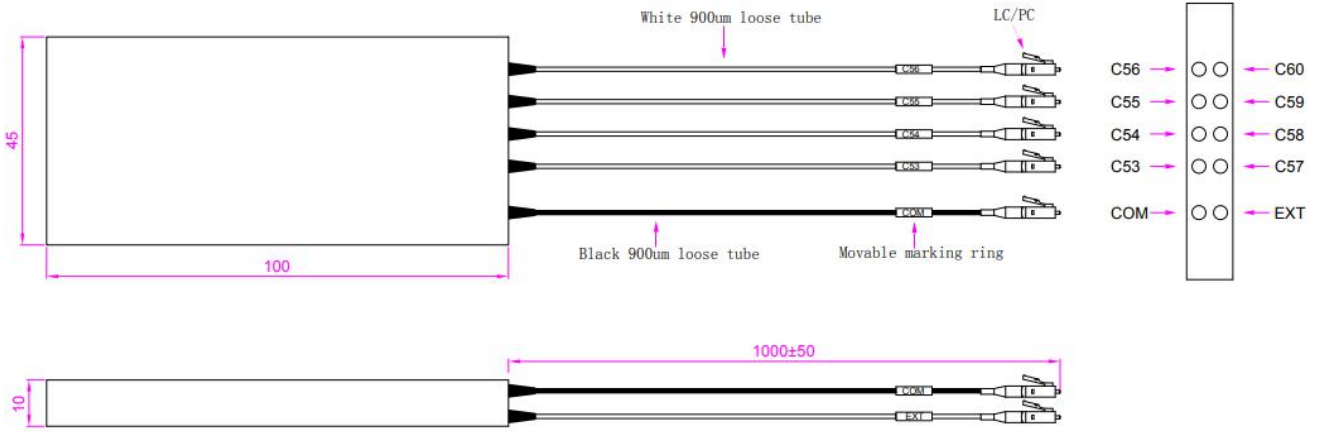


Dual Fiber Bidirectional Transmission Mode
The wavelength of MUX and DEMUX is the same

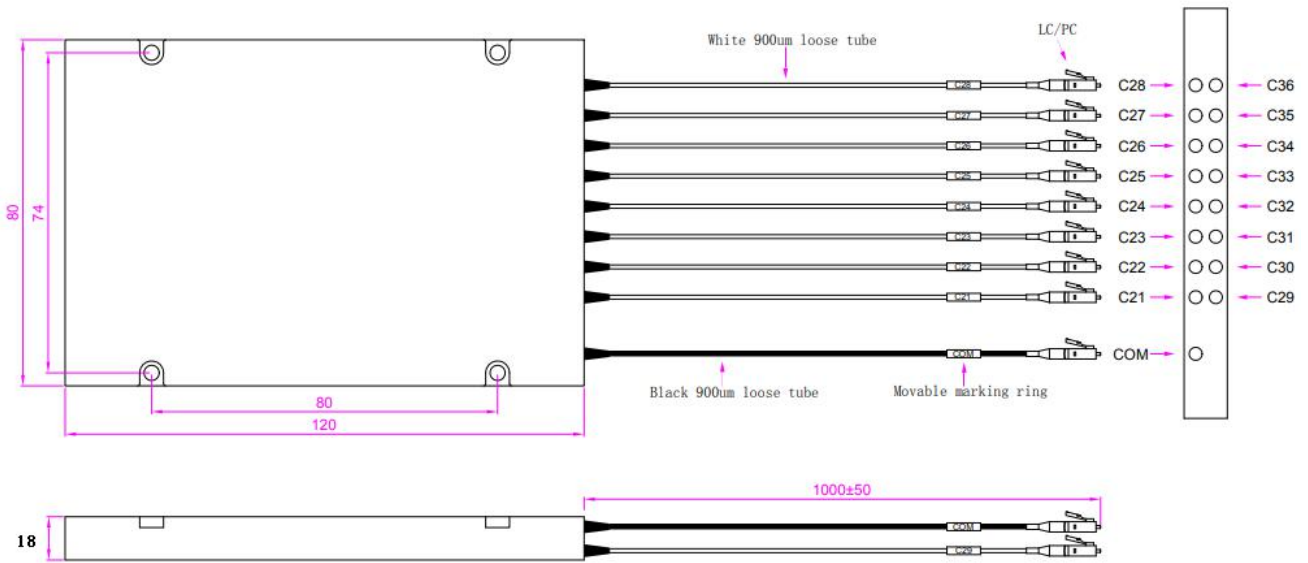
MINI: ABS 80x60x12mm



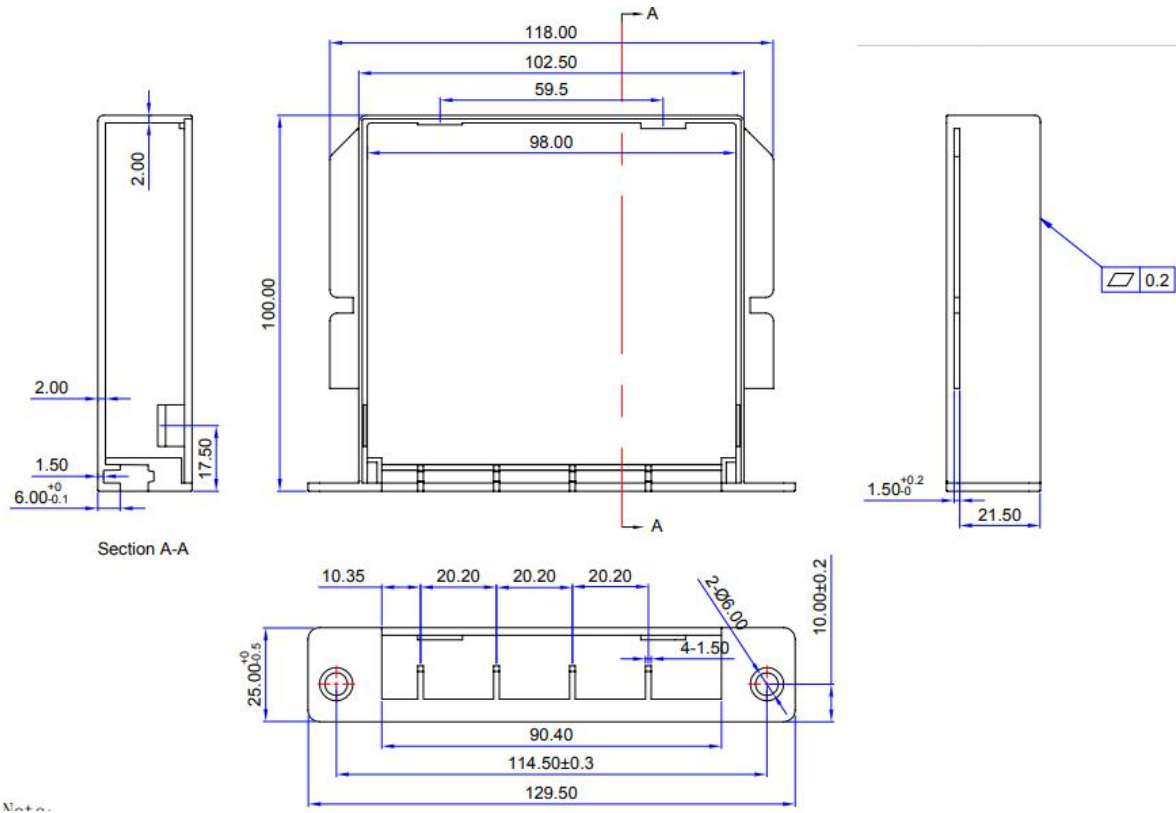
100x45x10mm



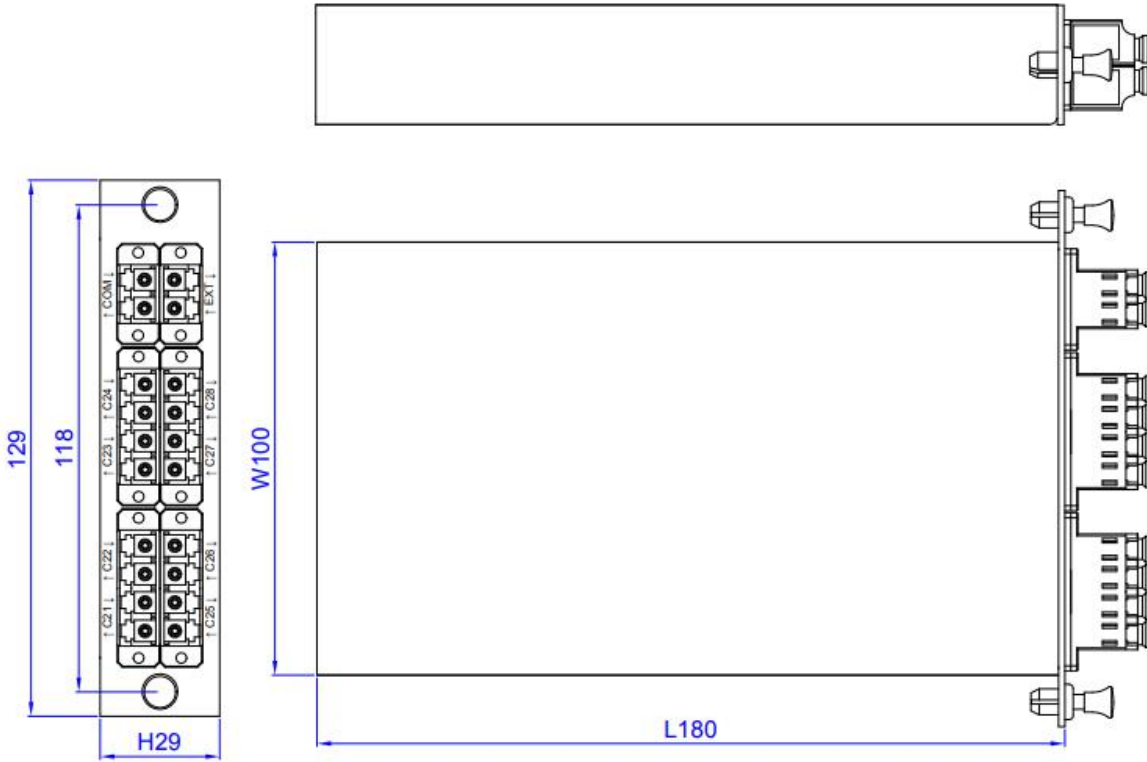
120x80x18mm



Plug In Box 130x100x25mm



LGX 1U L180xW129xH29



19"1U Rack L483xW330x44.5mm

