

100GHZ/200GHZ DWDM Module

Features	
Low Insertion Loss High Channel Isolation High stability and reliability	
Application	
DWDM Network	

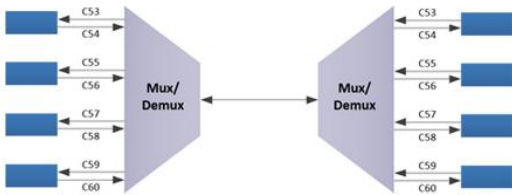
Specifications

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)		200GHz(1.6nm)		
Channel Passband (@-0.5dB bandwidth) (nm)	> 0.22		> 0.5		
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	< 0.15	
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)	SUS 5.5x35 Glass 3.2x25 4.0x30	100x80x10 Mini: 80x60x12 100x45x10		120x80x18 110x93x10	
	LGX 1U L180xW129xH29 Plug In Box 130x100x25mm 19"1U Rack L483xW330x44.5mm				

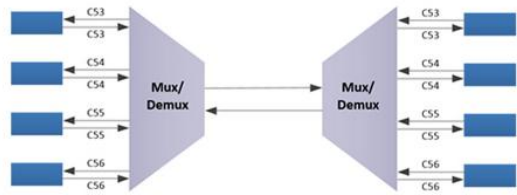
Ordering Information:

DWDM	Type	Spacing	Channel Type	1 st ITU Channel	Pigtail Type	Fiber Type	Length	Connector	Package
	M=Mux D=Demux C=Mux+Demux	1=100 Ghz 2=200 Ghz	1=1ch 4=4ch 8=8ch 16=16ch	21=21ch 22=22ch 60=60ch	1=900um loose tube 2=2mm loose tube 3=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	35=5.5x35 10=100x80x10 18=120x80x18 45=100x45x10 60=80x60x12 93=110x93x9 L=LGX box 19=19" RACK P=Plug Box

Line Type

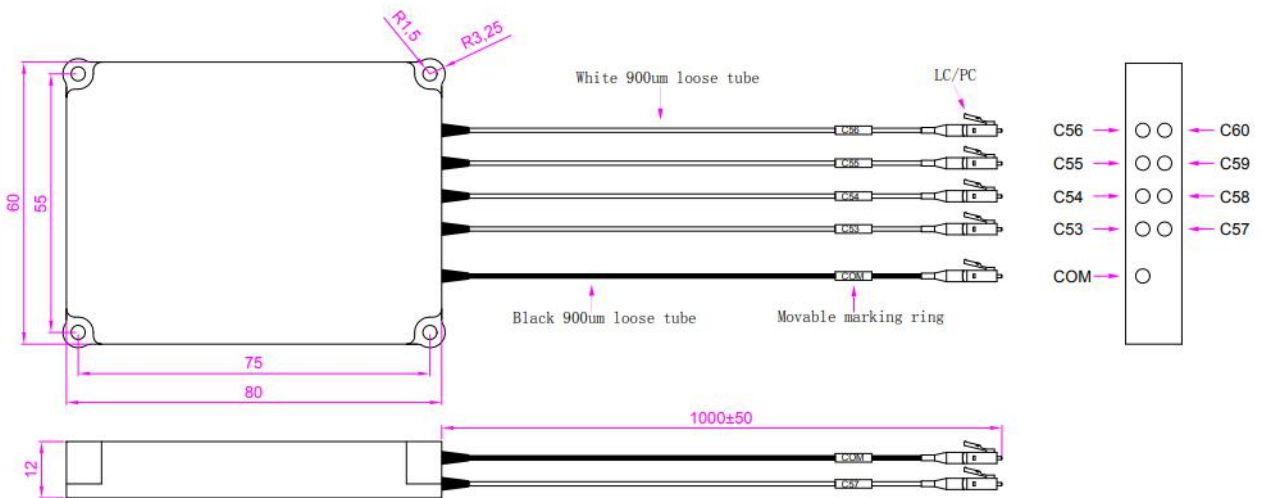


Single Fiber Bidirectional Transmission Mode
The wavelength of MUX and DEMUX is different

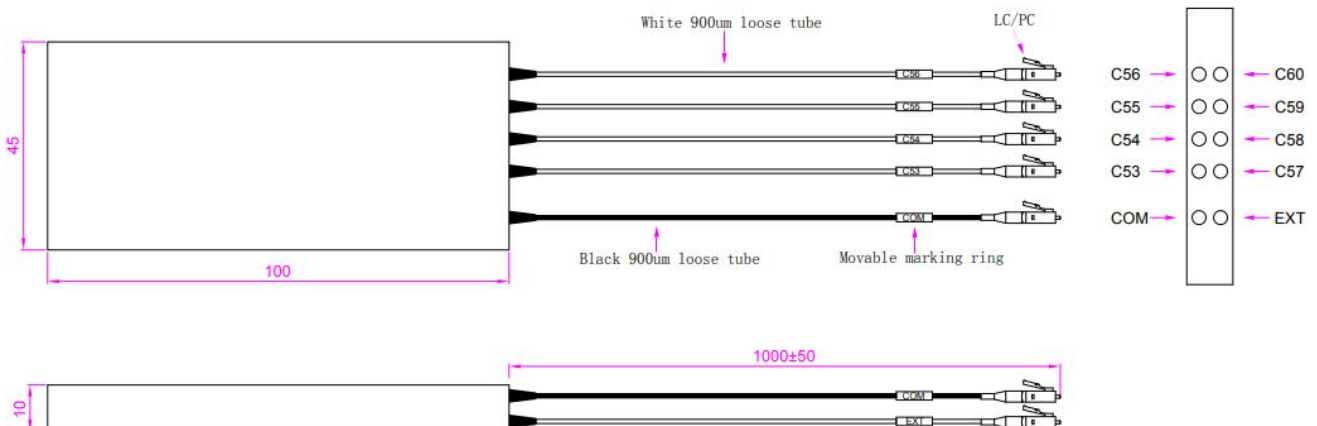


Dual Fiber Bidirectional Transmission Mode
The wavelength of MUX and DEMUX is the same

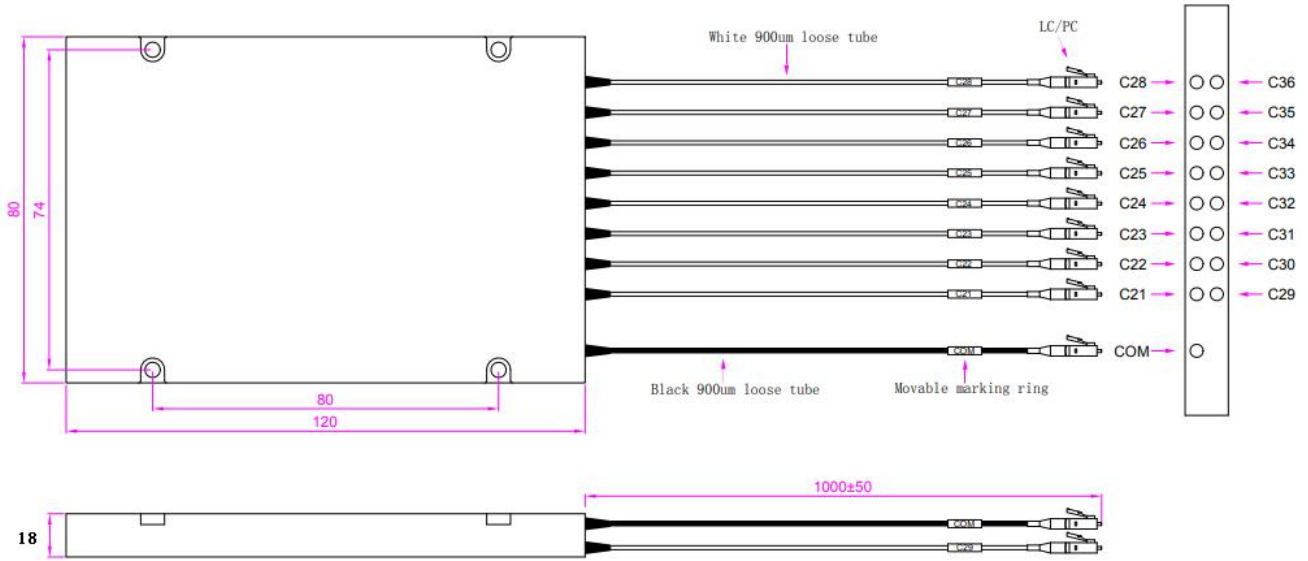
MINI: ABS 80x60x12mm



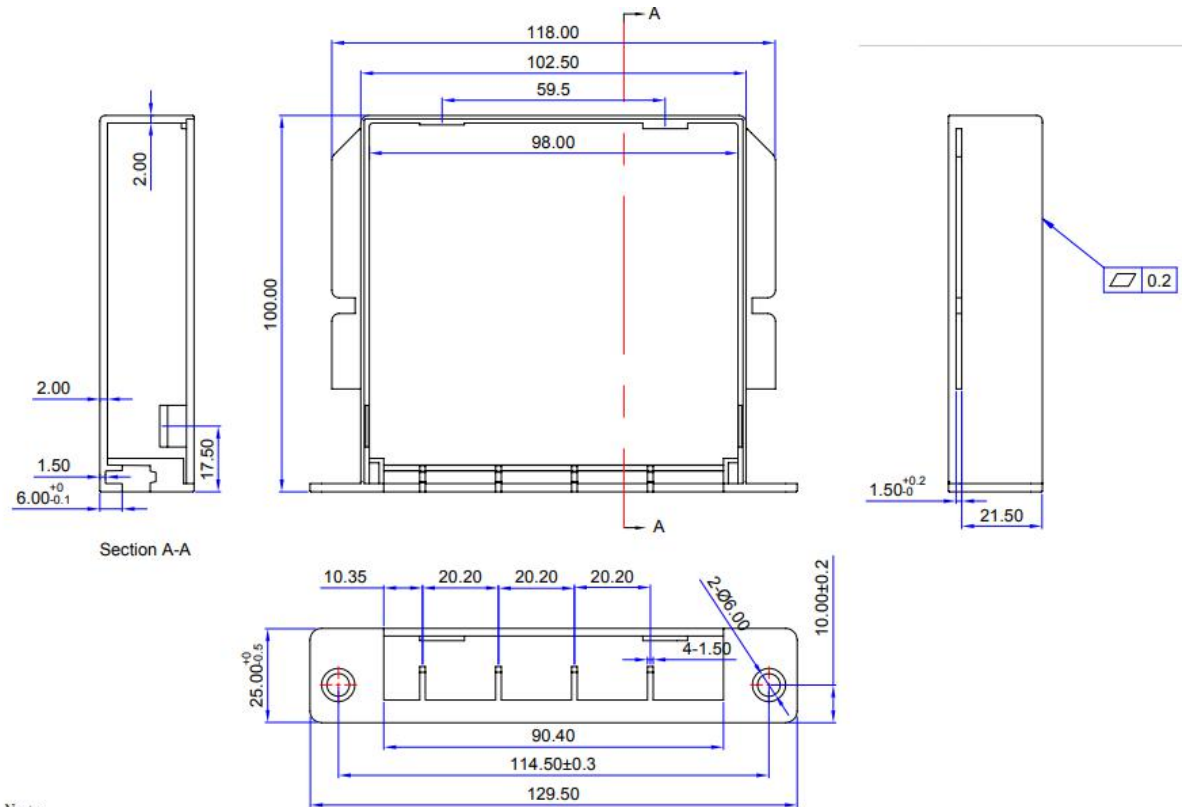
100x45x10mm



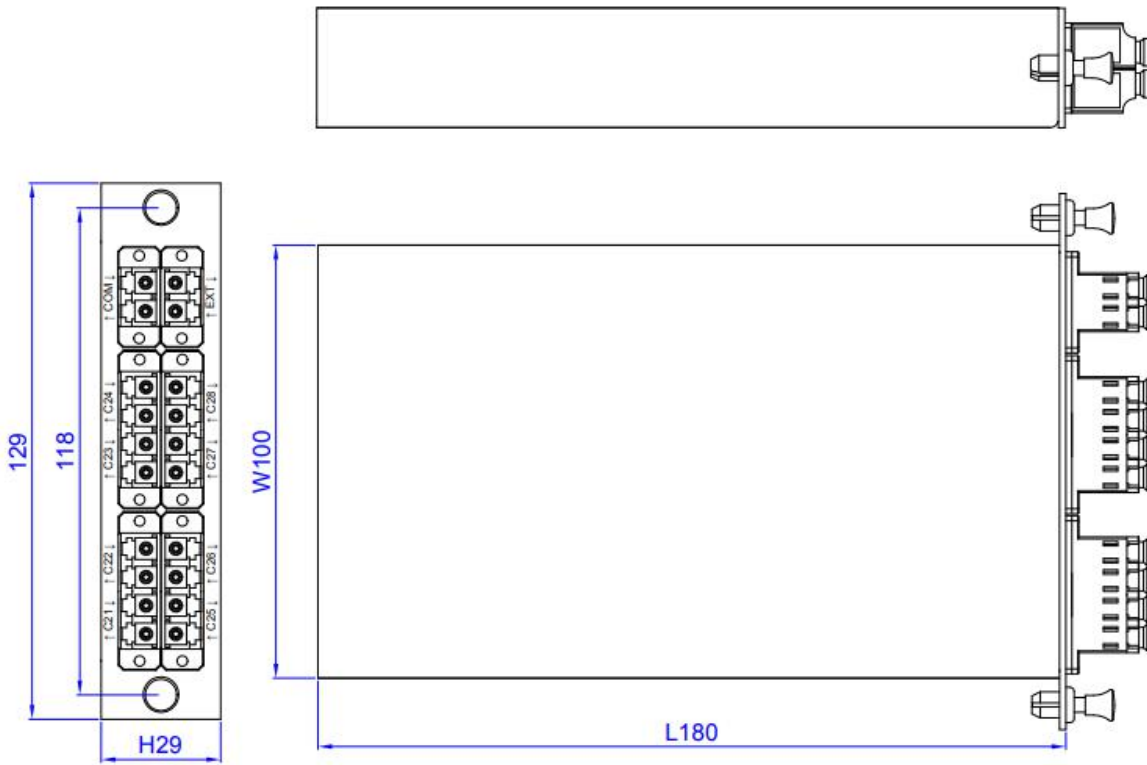
120x80x18mm



Plug In Box 130x100x25mm



LGX 1U L180xW129xH29



19" 1U Rack L483xW330x44.5mm

