



## Features

- Low Insertion Loss
- Low PDL
- High Channel Isolation
- Epoxy-free on Optical Path
- High Stability and reliability

## Applications

- WDM System
- Line Monitoring
- Cellular Application
- Telecommunication
- Fiber Optical amplifier
- Access network



## Specifications

Parameter		4 Channel		8 Channel		16 Channel		18 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux	Mux	Demux
Center Wavelength (nm)		1270~1610/1271~1611							
Center wavelength Accuracy (nm)		±0.5							
Channel Spacing (nm)		20							
Channel Passband (@-0.5dB bandwidth)(nm)		±7.5/±6.5							
Insertion Loss ( dB )		≤1.5		≤2.5		≤3.5		≤3.5	
Channel Uniformity ( dB )		≤0.6		≤1.0		≤1.5		≤1.5	
Isolation ( dB )	Adjacent	> 30							
	Non-adjacent	> 40							
Isolation ( dB )	Express with filter	> 30							
	Express without filter	> 12							
Channel Ripple ( dB )		<0.3							
Insertion Loss Temperature Sensitivity(dB/°C)		<0.005							
Wavelength Temperature Shifting(nm/°C)		<0.002							
Polarization Dependent Loss ( dB )		<0.1							
Polarization Mode Dispersion ( ps )		<0.1							
Directivity ( dB )		> 50							
Return Loss ( dB )		>45							
Maximum Power Handling ( mW )		300							



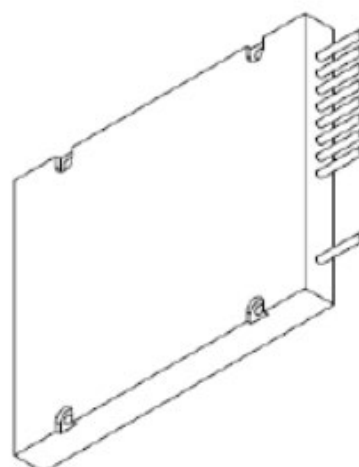
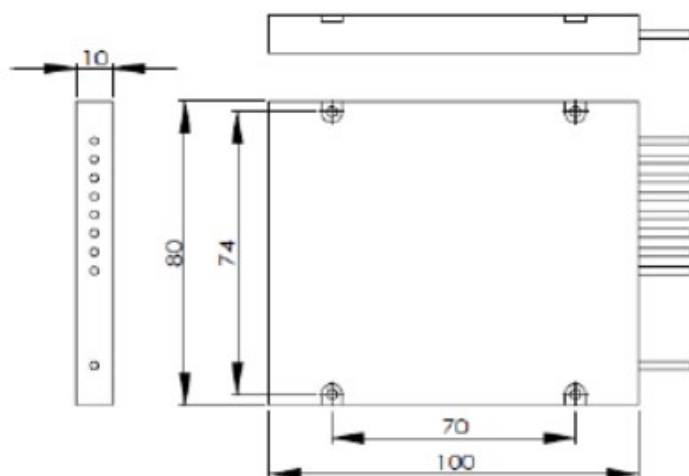
Operating Temperature(°C)	-40~+85
Storage Temperature(°C)	-40~+85
Package dimension (mm) (Glass tube)	5.5*25
Package dimension (mm) (Steel tube)	5.5*34
Package dimension(mm) (ABS box)	L100×W80×H10
	L120×W80×H18
	L141×W115×H18

Note: 1、Above specifications are for devices without connector.

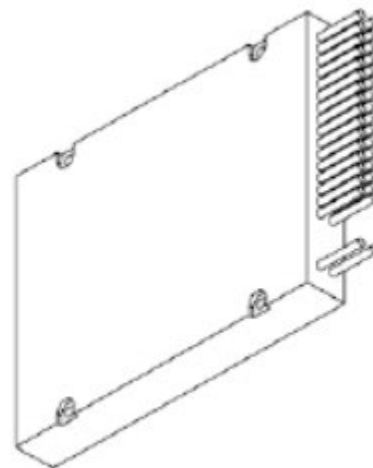
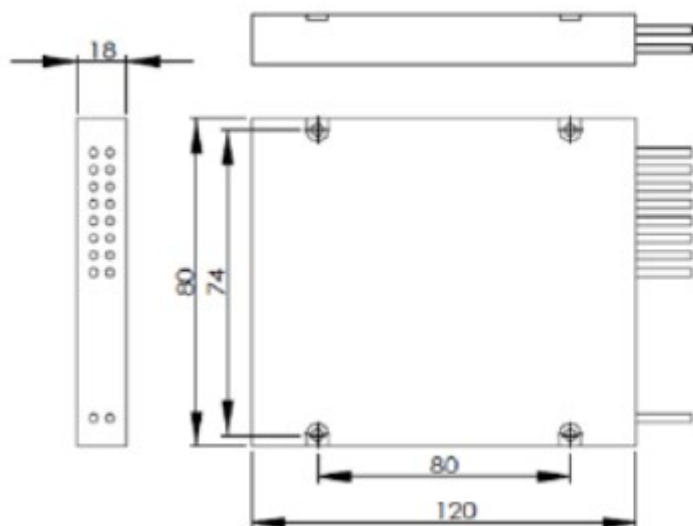
2、Specifications may change without notice.

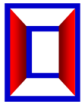
### Dimension (Unit:mm)

100×80×10mm

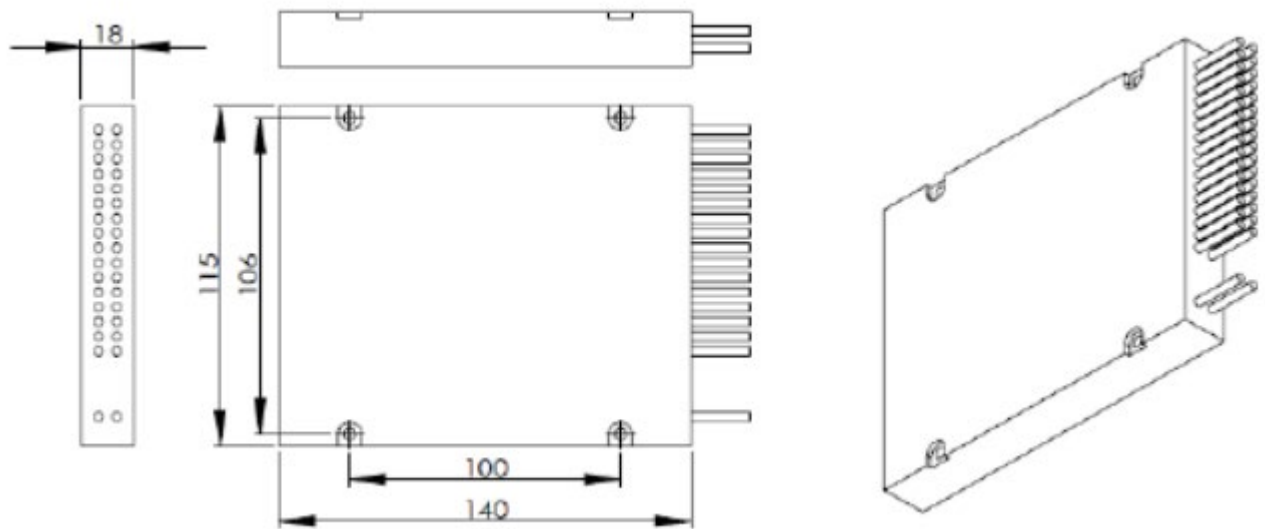


120×80×18mm





140×115×18 mm



Ordering Information HC - CWDM - A - B - C - D - E - F

A	B	C	D	E	F
Number of Channels	1st Channel	Configuration	Fiber Type	Fiber Length	Connector
04:4 Channel 08:8 Channel 16:16 Channel 18:18 Channel N:N Channel	27:1270nm ..... 47:1470nm 49:1490nm ..... 61:1610nm	M:Mux D:Demux O:OADM	1:Bare fiber 2: 900um loose tube 3:2mm Cable 4:3mm Cable	1:1m 2:2m S:Specify	0:None 1:FC/APC 2:FC/PC 3:SC/APC 4:SC/PC 5:ST 6:LC S:Specify