



Features

Low PDL
Low Insertion Loss
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		18 Channel	
		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)		≤2.5	
Channel Uniformity (dB)		≤1.0	
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	

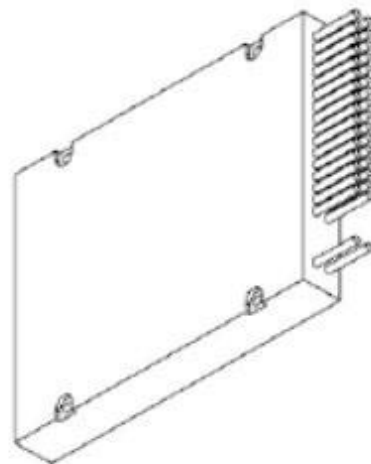
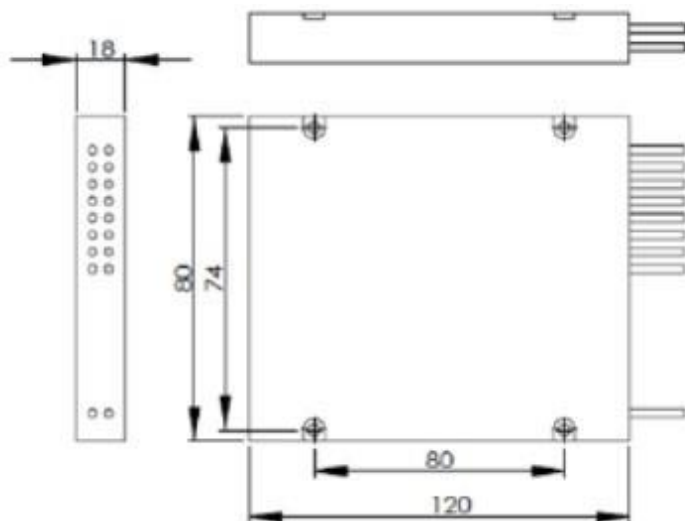


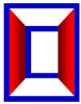
Polarization Dependent Loss (dB)	<0.1
Polarization Mode Dispersion (ps)	<0.1
Directivity (dB)	> 50
Return Loss (dB)	>45
Maximum Power Handling (mW)	300
Operating Temperature(°C)	-40~+85
Storage Temperature(°C)	-40~+85
Package dimension (mm) (ABS box)	A: L120 x W80 x H18
	B: L140 x W115 x H18

Note: 1、Specification may change without notice.
2、Above specification are for device without connectors.

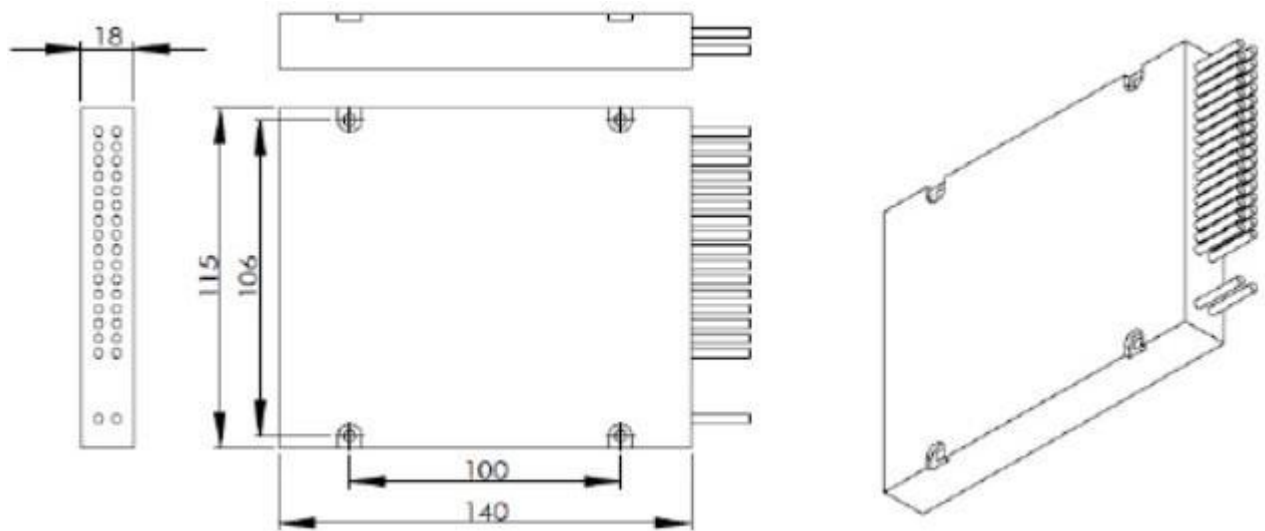
Dimension (Unit:mm)

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