



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							

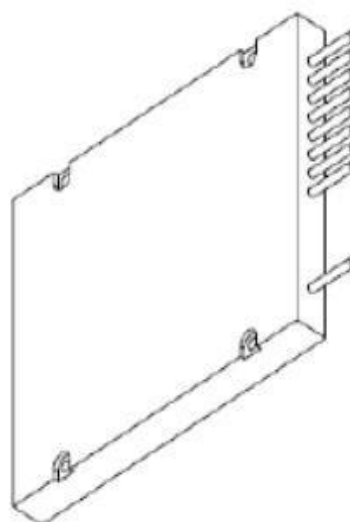
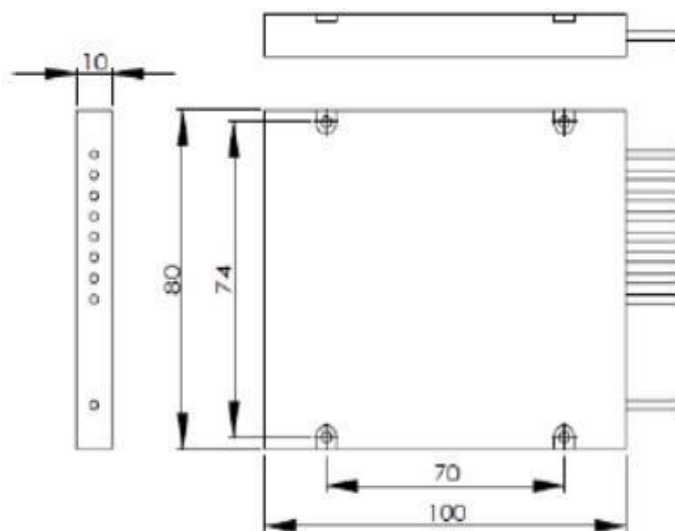


Directivity (dB)	> 50
Return Loss (dB)	>45
Maximum Power Handling (mW)	300
Operating Temperature(°C)	-40~+85
Storage Temperature(°C)	-40~+85
Package dimension (mm) (Glass tube)	5.5*25
Package dimension (mm) (Steel tube)	5.5*34
Package dimension(mm) (ABS box)	L100×W80×H10
	L120×W80×H18
	L141×W115×H18

Note: 1、Above specifications are for devices without connector.
2、Specifications may change without notice.

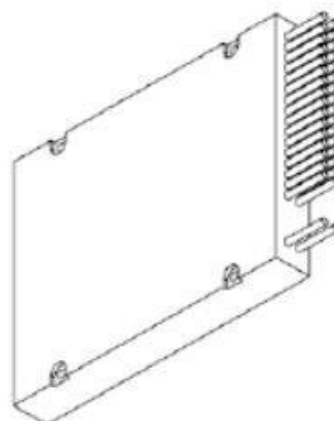
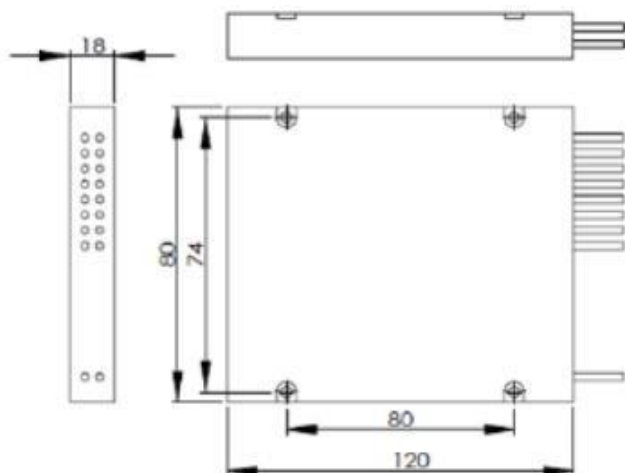
Dimension (Unit:mm)

100×80×10mm

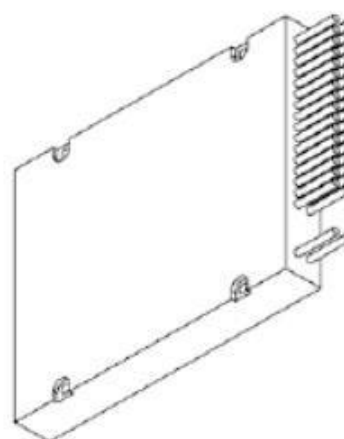
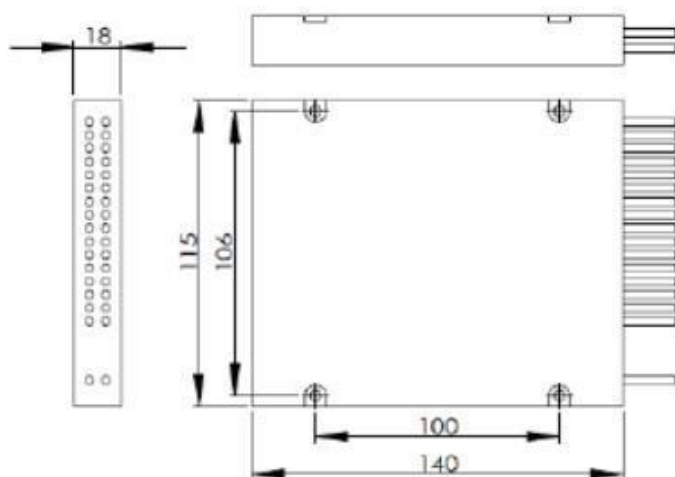




120×80×18mm



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	27:1270nm	M:Mux	1:Bare fiber	1:1m	0:None
08:8 Channel	 47:1470nm	D:Demux	2: 900um loose tube	2:2m	1:FC/APC
16:16 Channel	49:1490nm	O:OADM	3:2mm Cable	S:Specify	2:FC/PC
18:18 Channel	 61:1610nm		4:3mm Cable		3:SC/APC
N:N Channel					4:SC/PC
					5:ST
					6:LC
					S:Specify