

Features

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

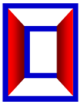
Applications

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



Specifications

| Parameter | 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 | |

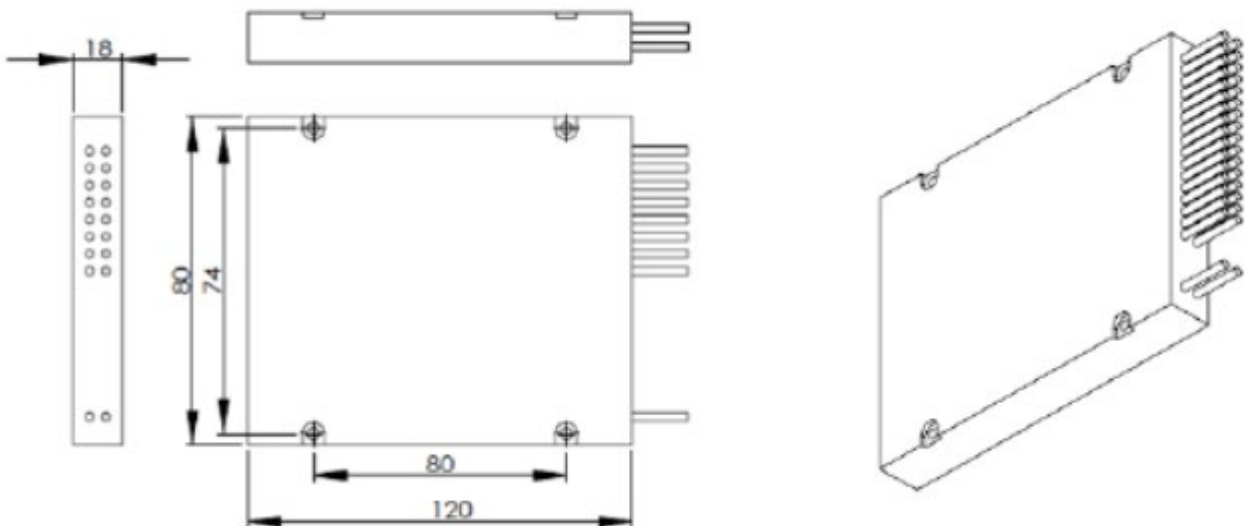


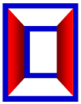
| | |
|----------------------------------|----------------------|
| Directivity (dB) | > 50 |
| Return Loss (dB) | >45 |
| Maximum Power Handling (mW) | 300 |
| Operating Temperature(°C) | -40~+85 |
| Storage Temperature(°C) | -40~+85 |
| Package dimension (mm) (ABS box) | A: L120 x W80 x H18 |
| | B: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

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

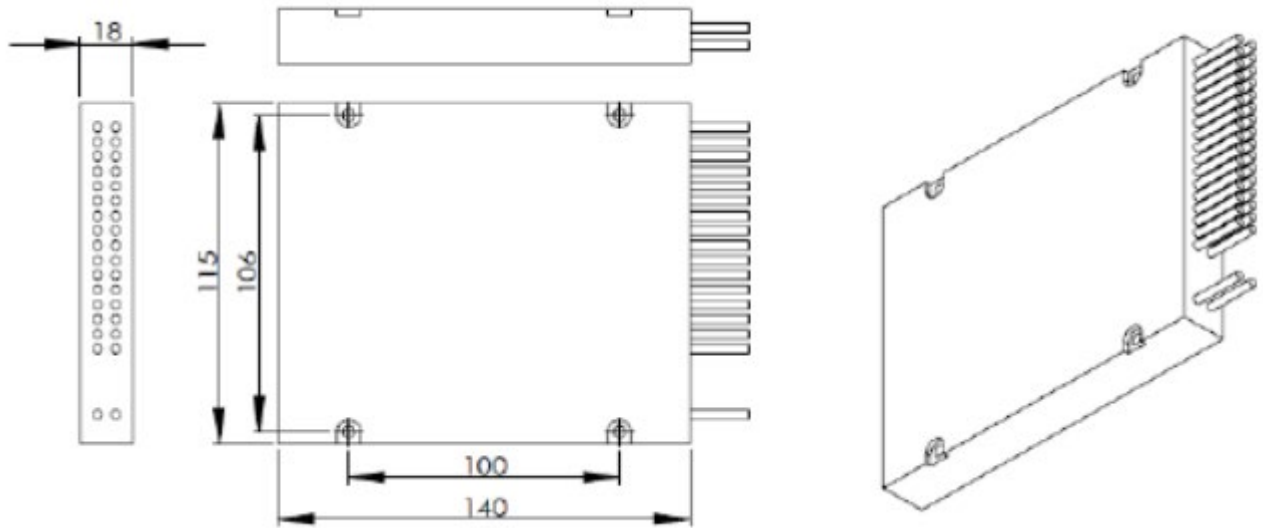
Dimension (Unit:mm)

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 |