

# 0607 AWG Multiplexer

W4206-S



## 4-Channel DWDM DADM Module, 100 GHz/200 GHz, ITU Channel

The module utilizes thin film coating technology and proprietary design of non-flux metal bonding micro-optics packaging to achieve optical add or drop at a ITU wavelength. It provides ITU channel center wavelength, low insertion loss, high channel isolation, wide pass band, low temperature sensitivity and epoxy free optical path.

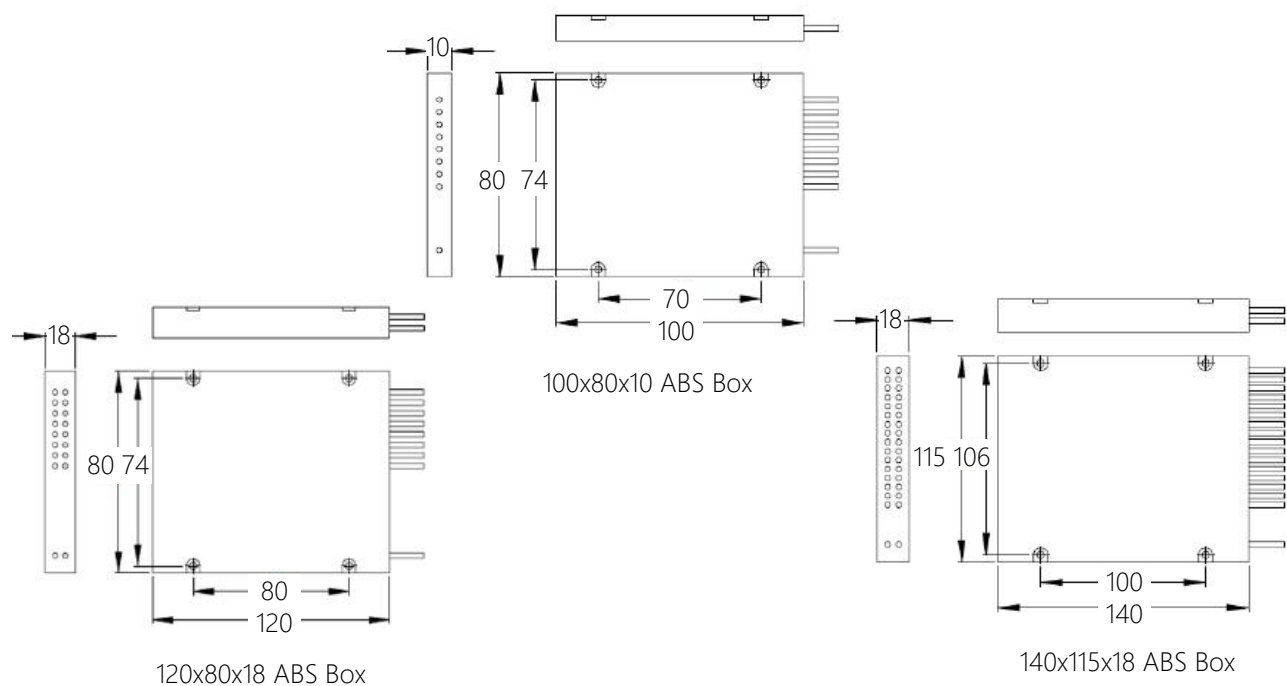
### FEATURES

- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

### USE IN

- Channel Add/Drop
- DWDM Network
- Wavelength Routing
- Fiber Optical Amplifier
- HFC Fiberoptic System
- Access Network

### MECHANICAL DIAGRAM



**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**

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Channel Number	4 CH	
Channel Wavelength	ITU Grid: C21 1560.61 nm to C61 1528.77 nm	
Channel Spacing	100/200 GHz	
Channel Passband (@-0.5 dB Bandwidth)	0.25 nm min.	
Channel Ripple	0.3 dB max.	
Isolation	Adjacent	30 dB min.
	Non-adjacent	40 dB min.
Insertion Loss	1.8 dB max.	
Channel Uniformity	0.6 dB max.	
Channel Ripple	0.3 dB max.	
Insertion Loss Temperature Sensitivity	0.005 dB/°C max.	
Wavelength Temperature Shifting	0.002 nm/°C max.	
Polarization Dependent Loss	0.1 dB max.	
Polarization Mode Dispersion	0.1 ps max.	
Directivity	50 dB min.	
Return Loss	45 dB min.	
Power Handling	300 mW max.	
Operating Temperature	-5°C to +75°C	
Storage Temperature	-40°C to +85°C	
Package Dimension	100x80x10 mm; 120x80x18 mm; 141x115x18 mm	

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