

0607 AWG Multiplexer

W4202-S



16-Channel DWDM Module, 100 GHz, ITU Channel

The module is a 100 GHz, ITU channel 16-channel DWDM module, which provides ITU channel center wavelength, low insertion loss, high channel isolation, wide pass band, high sensitivity and epoxy free on optical path. It can be used for access network, WDM network, cellular application and fiber optical amplifier.

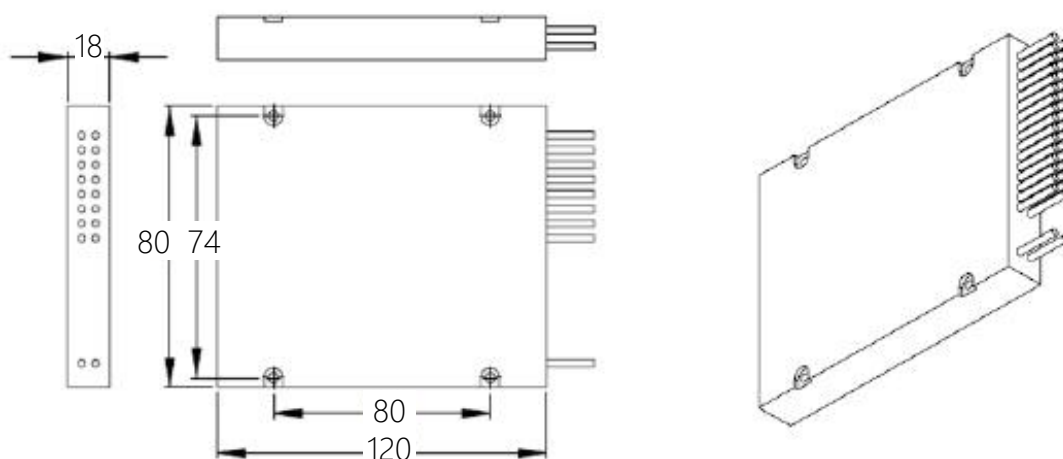
FEATURES

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

USE IN

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

MECHANICAL DIAGRAM



120x80x18 ABS Box

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	16 CH	
Channel Wavelength	ITU Grid: C21 1560.61 nm to C61 1528.77 nm	
Channel Spacing	100 GHz	
Channel Passband (@-0.5 dB Bandwidth)	0.22 nm min.	
Channel Ripple	0.5 dB max.	
Isolation	Adjacent	30 dB min.
	Non-adjacent	40 dB min.
Insertion Loss	Low: 3.5 dB max.; Standard: 5 dB max.	
Insertion Loss Temperature Sensitivity	0.5 dB max.	
Wavelength Temperature Shifting	0.001 nm/°C max.	
Polarization Dependent Loss	0.2 dB max.	
Polarization Mode Dispersion	0.1 ps max.	
Directivity	45 dB min.	
Return Loss	45 dB min.	
Power Handling	300 mW max.	
Operating Temperature	-10°C to +70°C	
Storage Temperature	-40°C to +85°C	
Dimension	120x80x18 mm or 19" 1 U Rackmount	

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