sales@wdmquest.com
www.wdmquest.com

0607 AWG Multiplexer

W4207-S

8-Channel DWDM OADM 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.

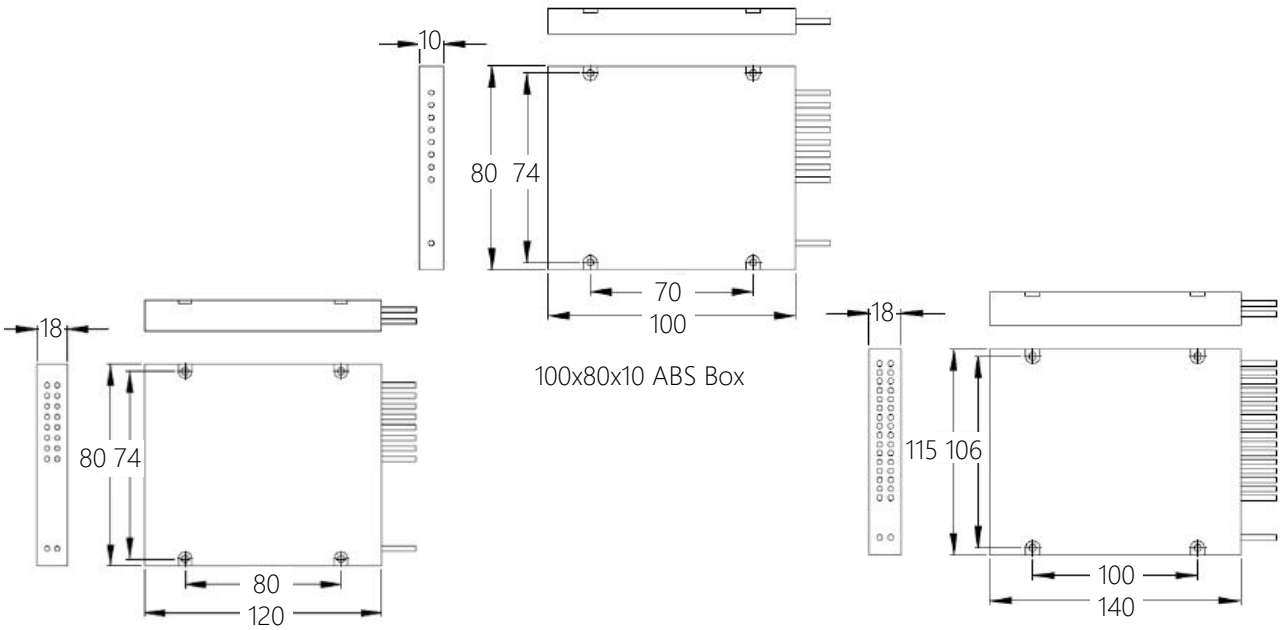
FEATURES

- 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		8 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		3.7 dB max.
Channel Uniformity		1 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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