sales@wdmquest.com
www.wdmquest.com

0608 PM AWG Multiplexer

AWG1000

100 G 48 CH PM Flat Top Athermal AWG

Athermal AWG series products takes silica-on silicon planar technology and it is built with high performance and reliability, which can be used in general DWDM systems. Based on the athermal design and packing, it is totally passive product which does not require any electrical power or temperature control.

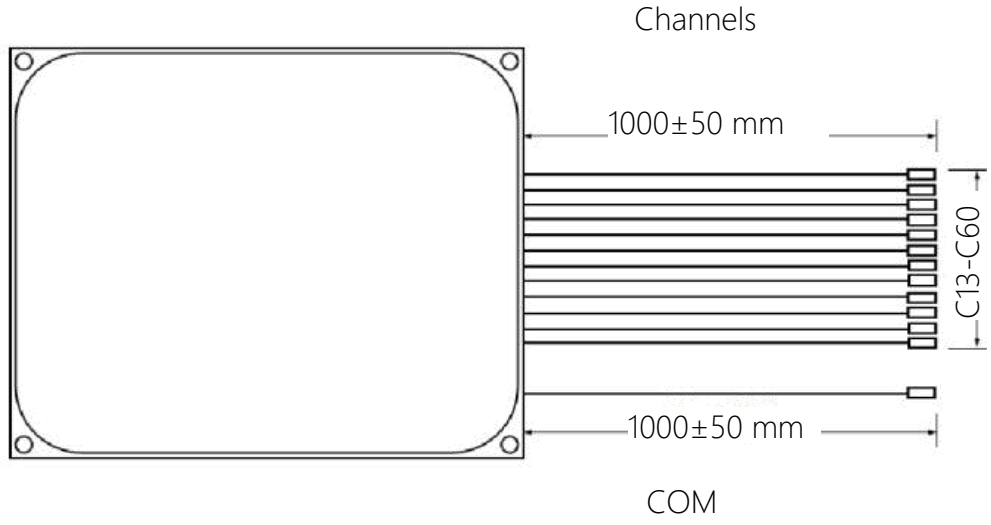
FEATURES

- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability

USE IN

- WDM Network
- Telecommunication
- Access Network

MECHANICAL DRAWING



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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Number of Channels	48 CH
Number of Channel Spacing	100 GHz
Center Wavelength	C-band
Clear Channel Passband	±12.5 GHz
Wavelength Stability	±0.05 nm
-1 dB Channel Bandwidth	0.38 nm min.
-3 dB Channel Bandwidth	0.58 nm min.
Optical Insertion Loss at ITU Grid	5.5 dB typ.; 6.5 dB max.
Adjacent Channel Isolation	23 dB min.
Non-adjacent Channel Isolation	30 dB min.
Insertion Loss Uniformity	1.5 dB max.
Polarization Extinction Ratio	15 dB min.
Polarization Dependent Loss	0.5 dB max.
Polarization Mode Dispersion	0.5 ps max.
Chromatic Dispersion	-20 ps/nm min.; 20 ps/nm max.
Power Handling	23 dBm max.
Dimension	100x80x20 mm
Fiber Type	Panda 1550 nm PM Fiber
Operating Temperature	-5°C to +65°C
Storage Temperature	-40°C to +85°C
Operating Humidity	5% to +85% RH

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