

# 24CH 200GHz Flattop Athermal AWG Module

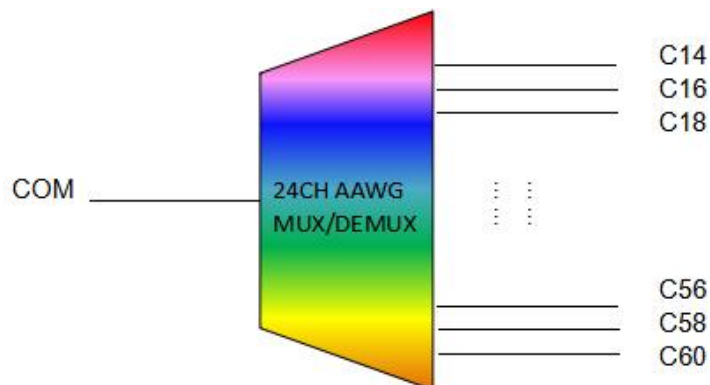
Product PN	Description
AAWG-2414AF15C2-01	24CH 200GHz AAWG, Flattop, LC/UPC 900um 1 meter legs, 120X70X11mm

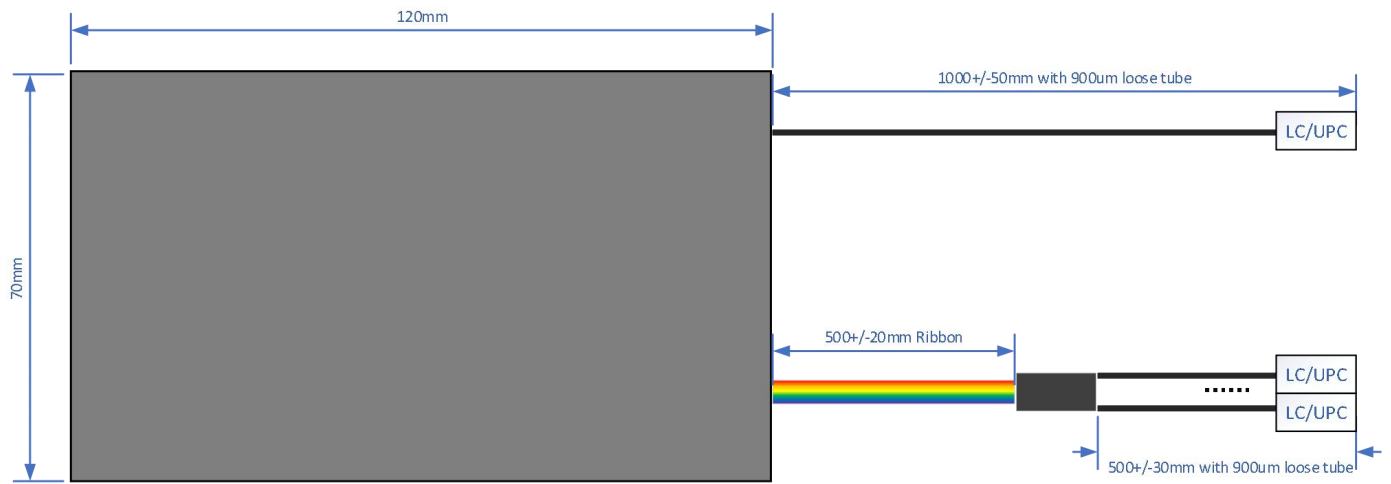
## Performance Specifications

Performance	Unit	Specifications	
Operation Wavelength	nm	C-band	
Channels	nm	24	
Channel Frequency Interval	GHz	200	
Target center frequencies	THz	191.40~196.00	
Reference Pass-band	GHz	$\lambda \pm 25$	
	nm	$\lambda \pm 0.2$	
Center Wavelength Accuracy	pm	$\pm 50$	
1dB Bandwidth	nm	$\geq 0.8$	
3dB Bandwidth	nm	$\geq 1.10$	
Insertion Loss	dB	$\leq 6.0$	
Insertion Loss Uniformity	dB	$\leq 1.5$	
Ripple	dB	$\leq 0.5$	
Polarization-related losses	dB	$\leq 0.5$	
Isolation	Adjacent Channel	dB	$\geq 25$
	Non-Adjacent Channel	dB	$\geq 30$
Total Cross Talk	dB	$\geq 22$	
Return Loss	dB	$\geq 40$	
Power Handling	mW	250	
Operating Temperature	°C	-5~+65	
Storage Temperature	°C	-40~+85	
Fiber Type	/	SMF28e with 900um loose tube	
Connector Type	/	LC/UPC	
Package size	mm	120 x 70 x 11	
Rohs Requirement	/	Rohs Compliant	

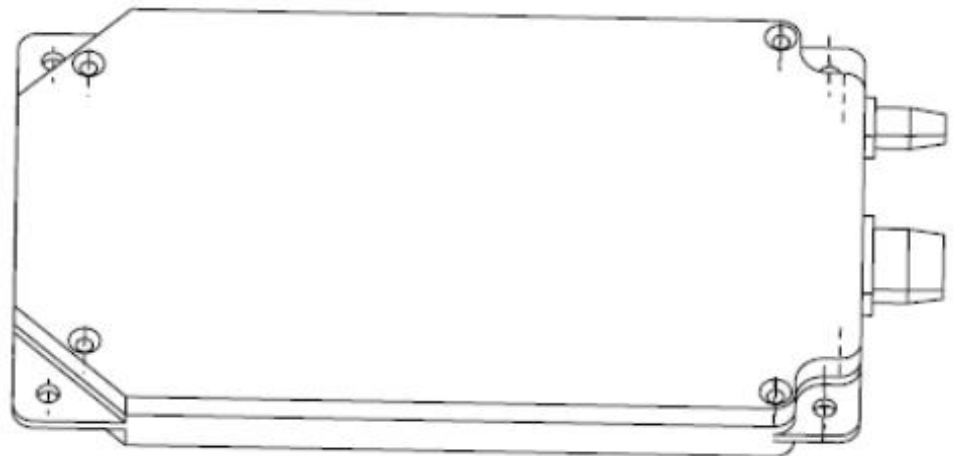
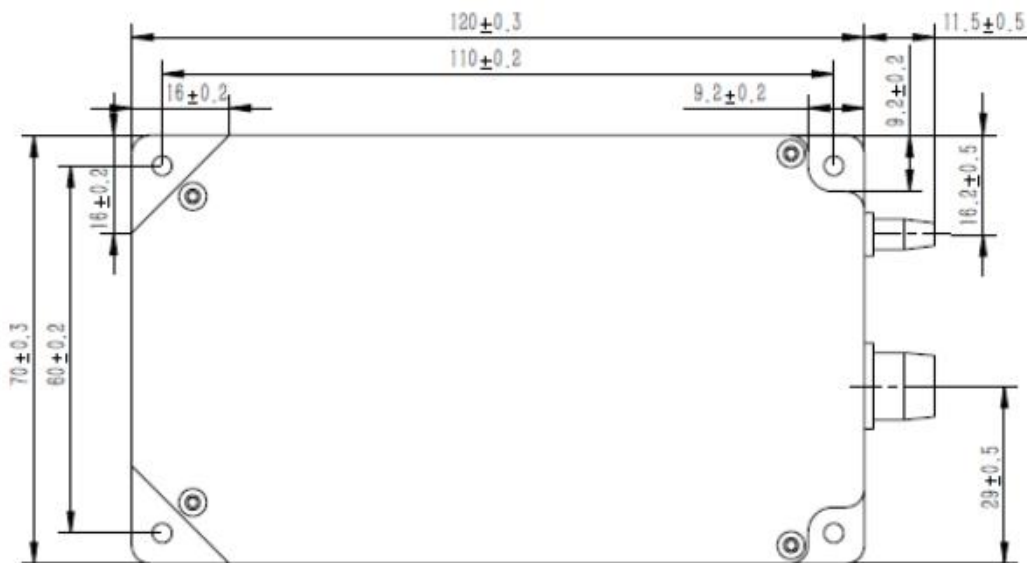
\*Notes: 1. Insertion Loss tested with connector.

## Structures





**Mechanical Dimensions**



Units : mm

not specified tolerance,  $\pm 0.3$ mm

