

150GHz 32CH Athermal AWG Module

Product PN	Description
AAWG-4021KG15C1-02	1RU 19", 32ch, DWDM Mux/Demux + Mon-port, 191.4-196.05THz, Insertion-loss channel=6.0dB, LC/UPC

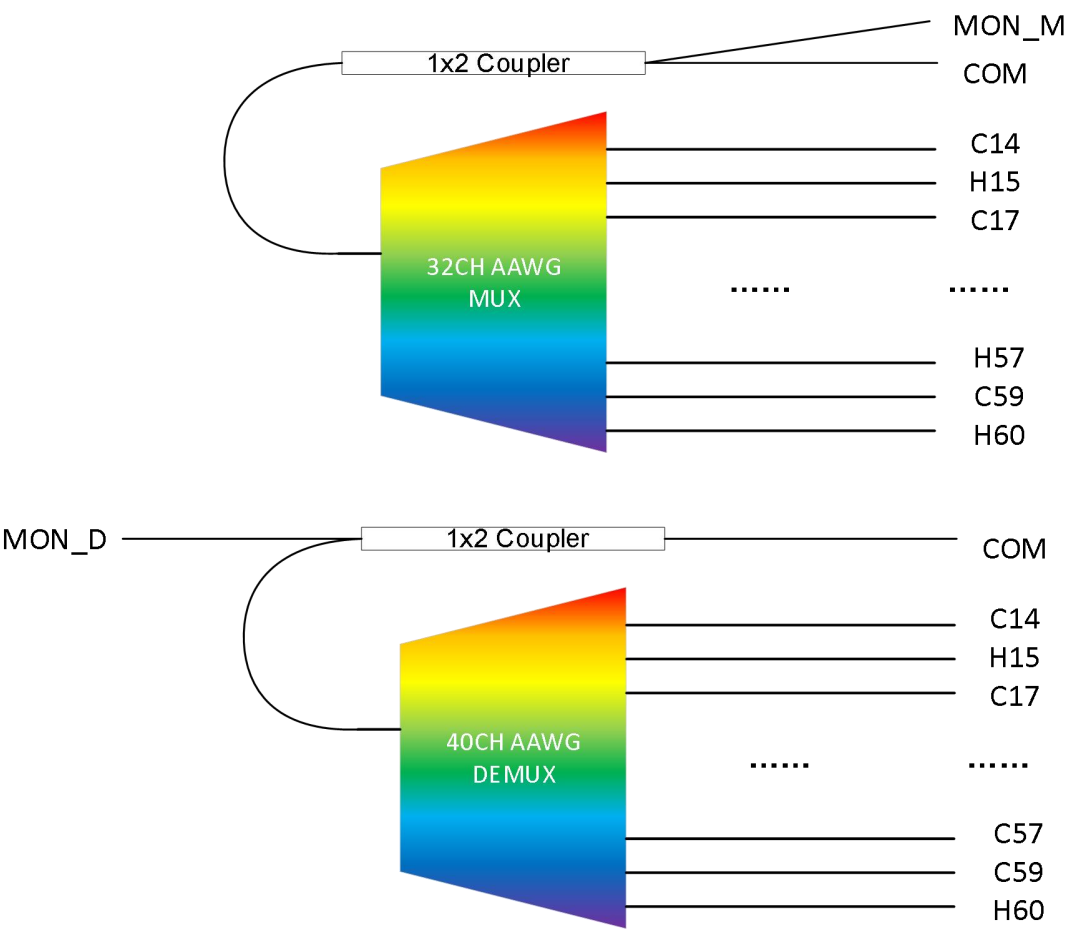
Performance Specifications

Performance		Unit	Specifications
Operation Wavelength		nm	1520~1570
Center Wavelength		nm	ITU C14~H60
Channel Frequency Interval		GHz	150
Channel Passband 1.0dB		GHz	100
Channel Passband 3.0dB		GHz	150
Insertion Loss	AWG Port	dB	≤6.0
	MON Port	dB	18 to 22
Isolation	Isolation, adjacent channel	dB	≥9
	Isolation, non-adjacent channel, typical	dB	≥30
Total Cross Talk		dB	≥5
Polarization-related losses		dB	≤0.5
Polarization Mode Dispersion		ps	≤1.0
Passband Ripple		dB	≤0.5
Direction		dB	≥45
Return Loss		dB	≥40
Chromatic Dispersion		ps/nm	-20~+20
Power Handling		mW	250
Operating Temperature		℃	-40~+85
Storage Temperature		℃	-40~+85
Operating Humidity		%RH	0~95
Fiber Type		/	G657A1
Cable Type		/	900um loose tube(Hytrel)
Connector Type		/	LC/UPC
Package size		mm	19"1RU Rack
Rohs Requirement		/	Rohs Compliant

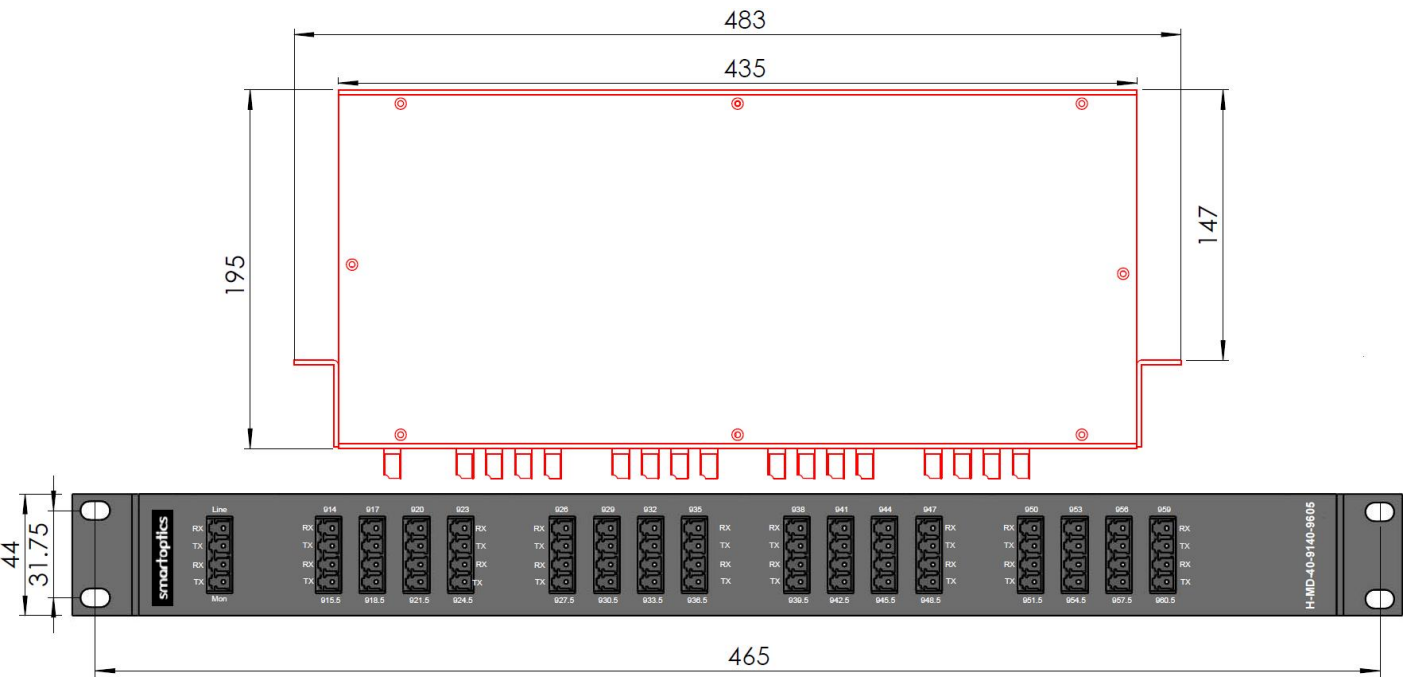
*Notes: 1. Insertion Loss tested with connector.

Structures

150GHz 32CH Athermal AWG Module



Dimensions



Revision History

Revision	Notes	Authors	Checked	Approval	Date
Rev A0	New release	liusj			2025-10-17