AWR75NM

WR75 to N Male Waveguide to Coaxial Adapter

UBR120 Flange, Right Angle

Rev 5

Electrical

Frequency Range	9.84-15 GHz
VSWR	1.25 max

Configuration

Waveguide Size	IEC	R120
	EIA	WR75
Flange	IEC	UBR120
	North America	Al alloy: MIL3922/70-025 Cu alloy: MIL3922/70-026
Coax Connector	N Male	
Body Geometry	Right Angle	

Mechanical & Environmental

Waveguide Body	Aluminum, conductive oxidation, anti-corrosive paint
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass
Operating Temperature	-40℃ to +85℃
Connector Interface	MIL-STD-348
RoHS	Compliant under exemptions 6 (b) or 6 (c)
Net Weight	Approx 65g

Note

* Flange size may not be 100% identical with the above listed standards, but are compatible. Refer to the next page for comparison table.

* Paint in grey or black by default, other colors available.

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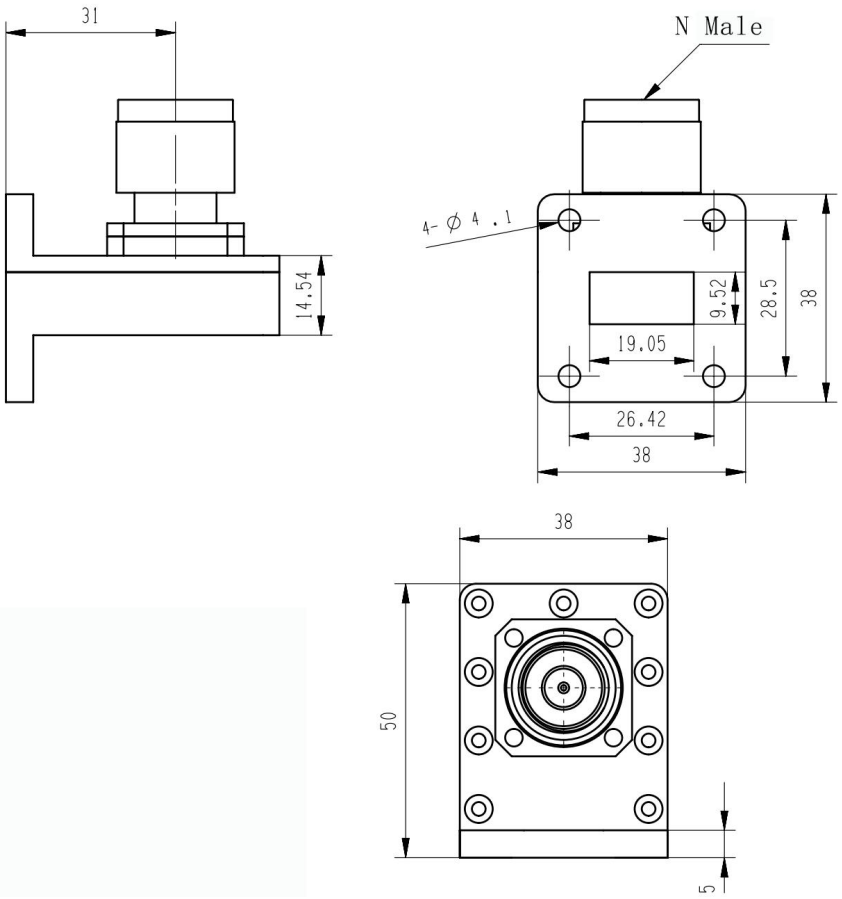
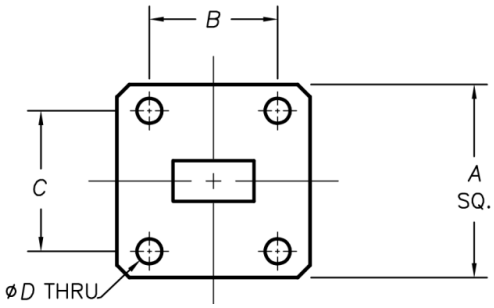
Dimensions(mm)



Flange Comparison (mm)



* The purpose of this comparison is to provide a quick reference of different flange standards. Great care has been given, nevertheless there might be a few mistakes.
* Please check the flange compatibility before ordering. Customized flanges are available.

WG SIZE	CONFORMING STANDARD	A	B	C	D
WR75	RF ONE:AWR75NM	38	26.42	28.5	4.1
	IEC60154:UBR120	38.10	26.42	28.5	4.00
	USA:MIL3922/70-026	38.10	26.42	28.5	3.70

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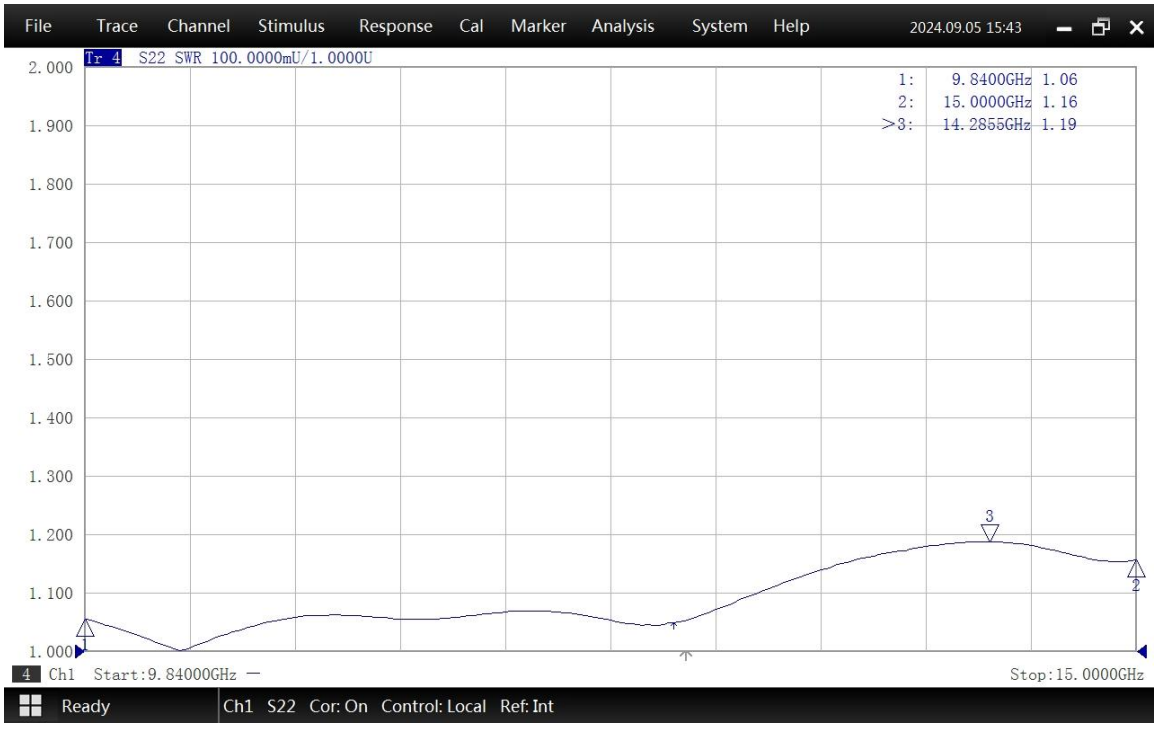
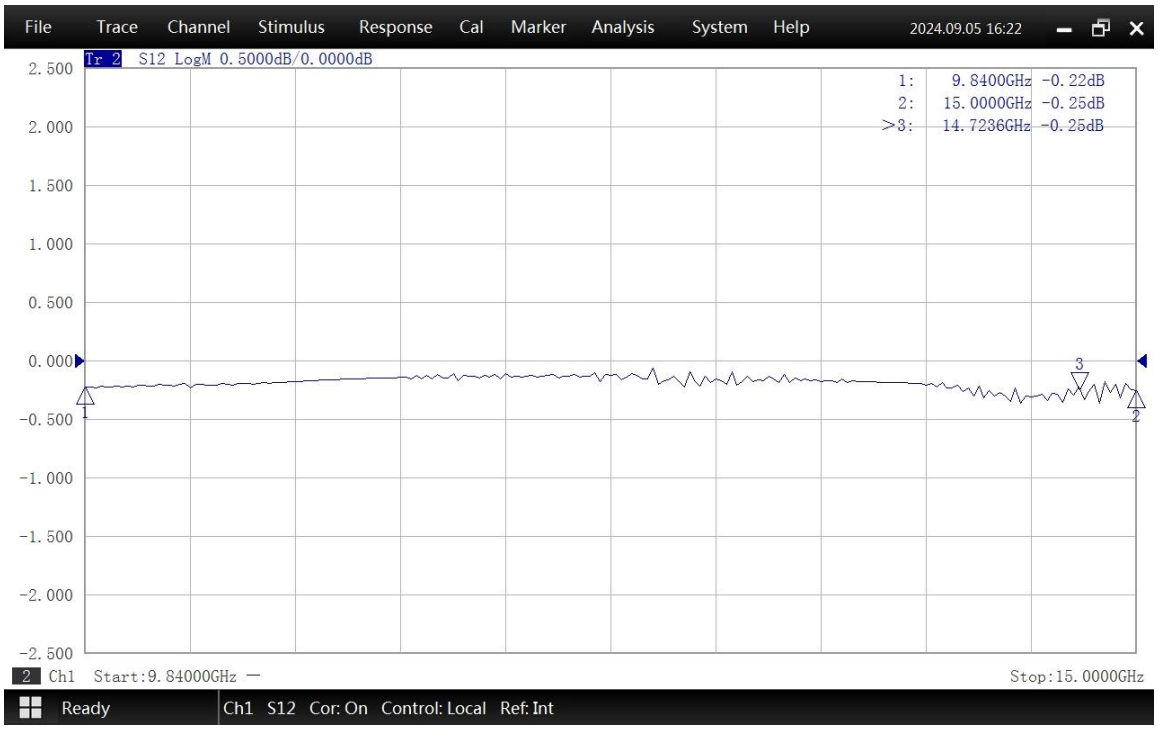
Typical Test Data at 25℃



VSWR



Insertion Loss*

* In Insertion Loss (IL) testing, adapters are measured back-to-back. To obtain the loss of a single adapter, divide the measured value by two.