

# Waveguide to Coaxial Adapter    **AWR75NM**

## WR75 to N Male, Square Cover Flange, Right Angle

Rev 1

### Electrical

Frequency Range	9.84-15 GHz
VSWR	1.25 max

### Configuration

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

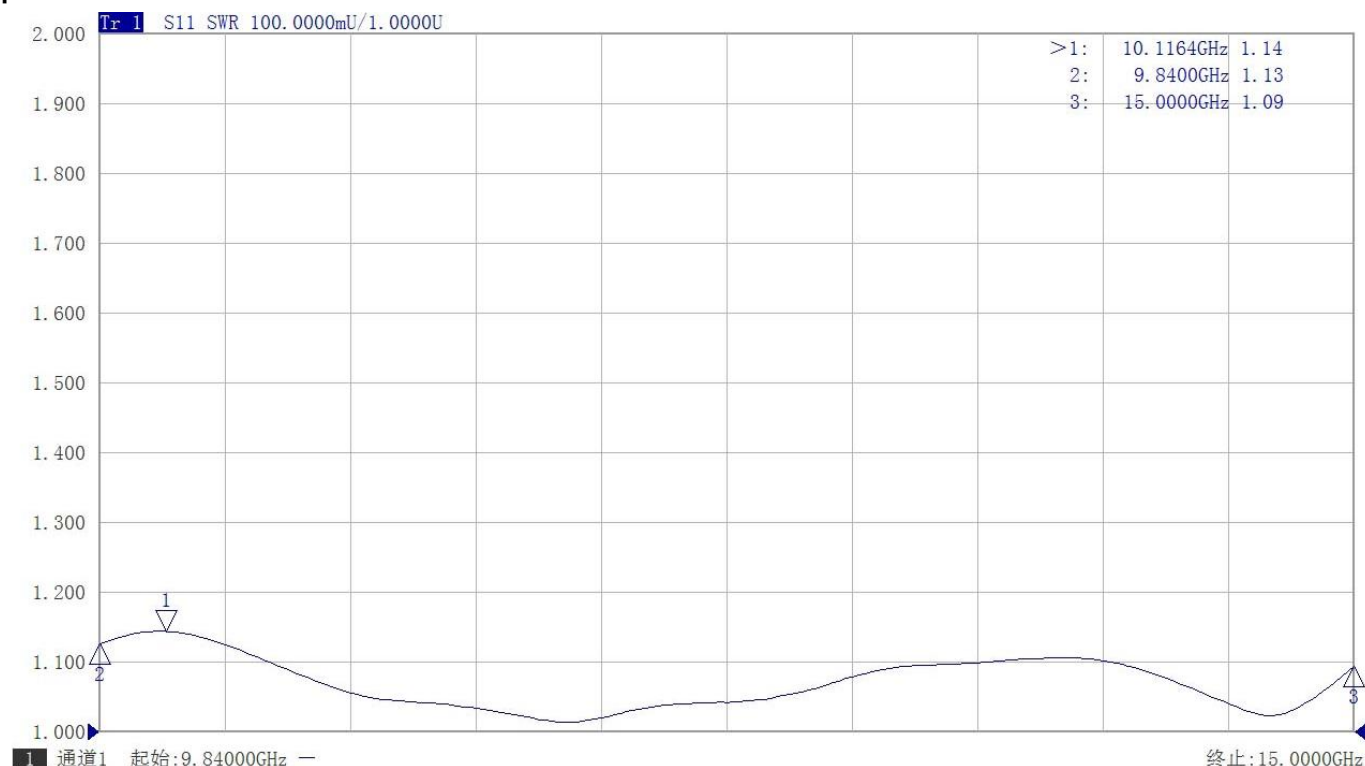
### Materials

Waveguide Body	Aluminum, black or grey painted
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass

### Mechanical & Environmental

Operating Temp	-40℃ to 70℃
Connector Interface	MIL-STD-348
RoHS	Compliant

### Typical Test Data

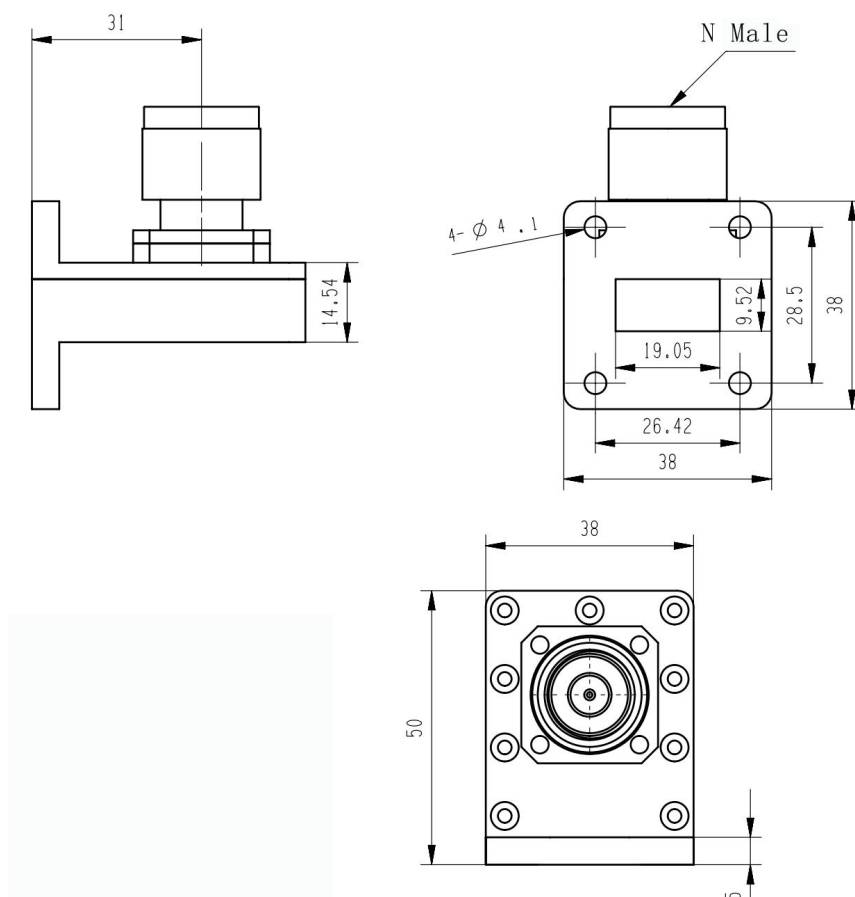


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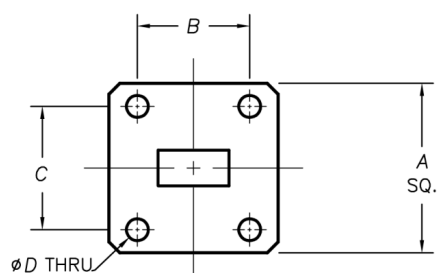
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#### Dimensions(mm)



#### Flange Comparison (Unit mm)



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

\* The purpose of this size comparison is to provide a quick overview 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.