



## Waveguide to Coaxial Adapter **AWR975N**

**WR975 to N Female, Rectangular Cover Flange, Right Angle**

Rev 3

### Electrical

Frequency Range	0.76-1.15 GHz
VSWR	1.2 max

### Configuration

Waveguide Size	IEC	R9
	EIA	WR975
Flange Type	IEC	UDR9
	North America	M3922/76-02 CPR975F
Coax Connector	N Female	
Body Geometry	Right Angle	

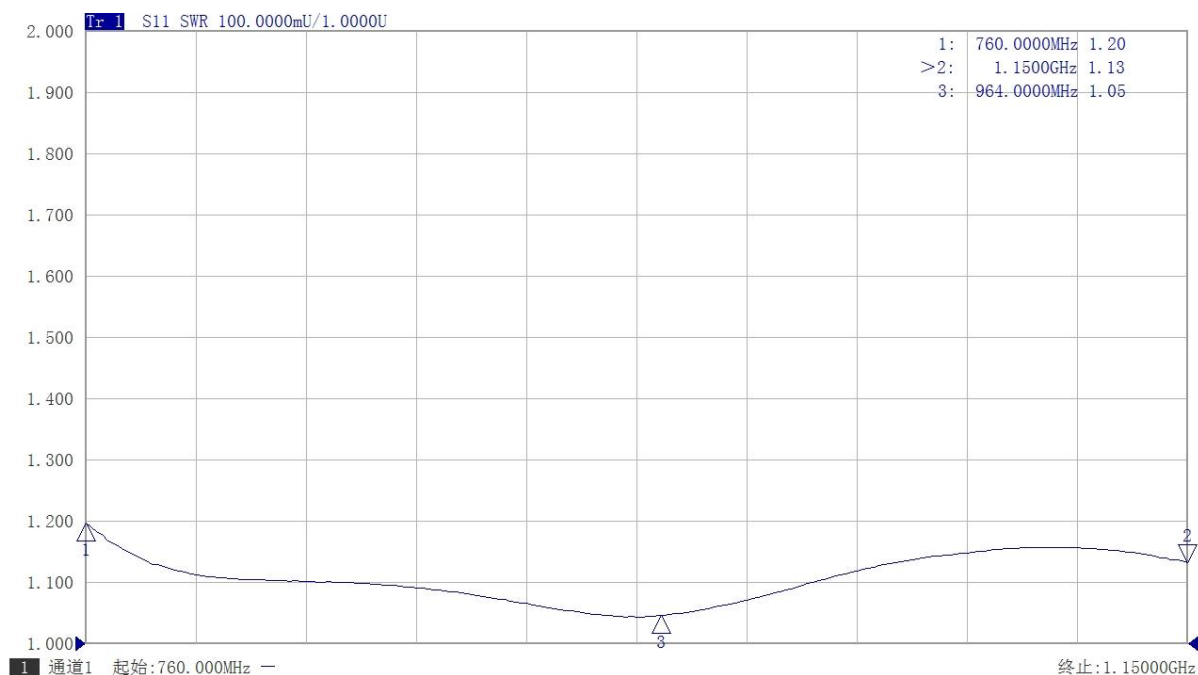
### Materials

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

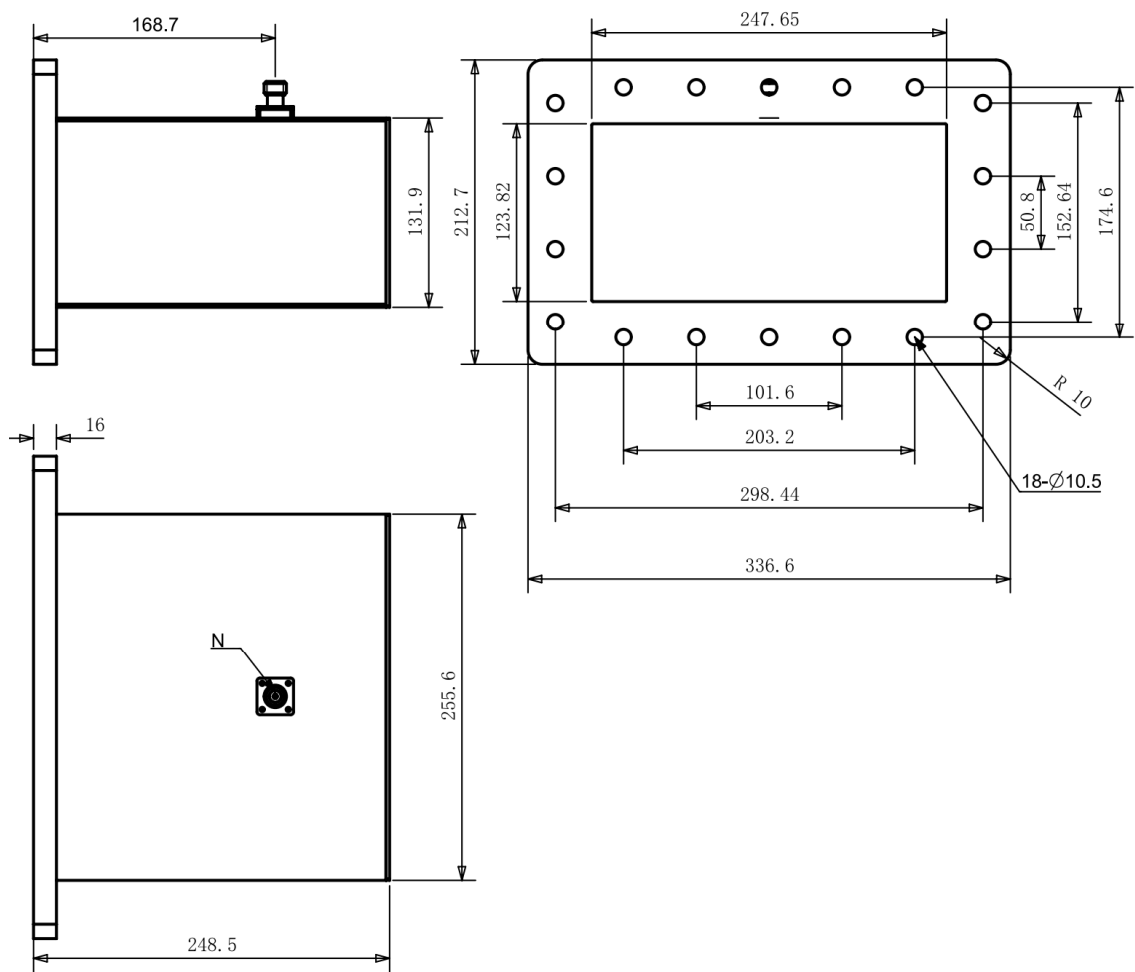
### Mechanical & Environmental

Operating Temp	-40°C to 70°C
Connector Interface	IEC-61169
RoHS	Compliant

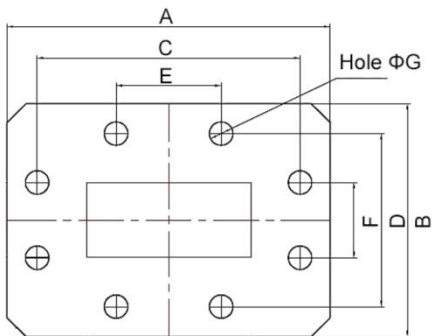
### Typical Test Data



Dimensions(mm)



Flange Comparison (Unit mm)



WG SIZE	CONFORMING STANDARD	A	B	C	D	E	F	G
WR975	RF ONE:AWR975N	336.6	212.7	298.44	174.6	101.6	50.8	10.4
	IEC60154:UDR9	336.6	212.7	298.44	174.6	101.6	50.8	10.4
	USA:M3922/76-02	336.6	212.7	298.44	174.6	101.6	50.8	10.3
	USA:CPR 975F	336.6	212.7	298.44	174.6	101.6	50.8	10.3

\* 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.