Waveguide to Coaxial Adapter AWR430N

WR430 to N Female, Rectangular Cover Flange, Right Angle

Rev 3

Electrical

Frequency Range	1.72-2.61 GHz
VSWR	1.2 max

Configuration

Waveguide Size	IEC	22
	EIA	WR430
Flange Type	IEC	UDR22
	North America	Al alloy: M3922/52-006(UG1711/U) Cu alloy: M3922/52-005(UG1716/U) CPR430F
Coax Connector	N Female	
Body Geometry	Right Angle	

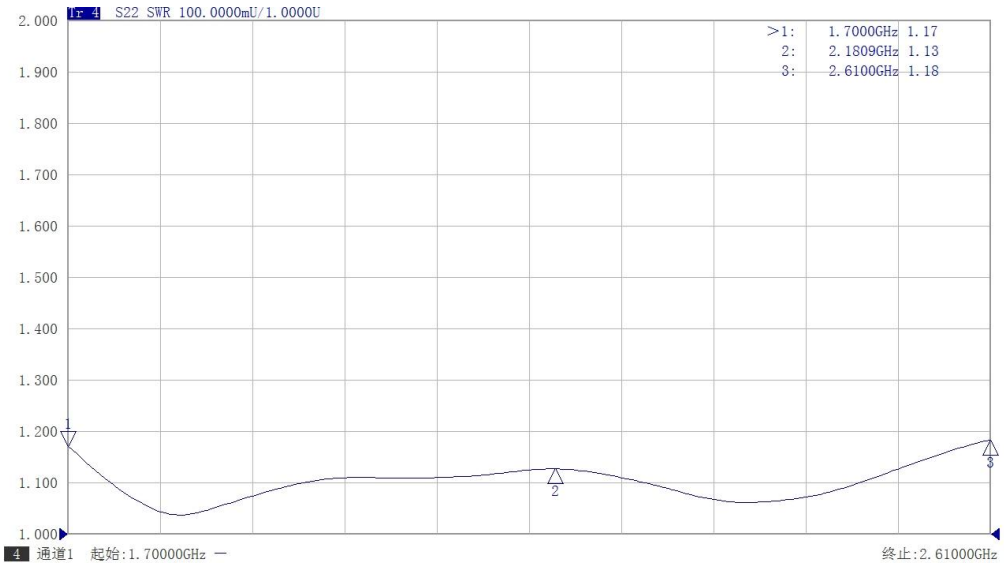
Materials

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

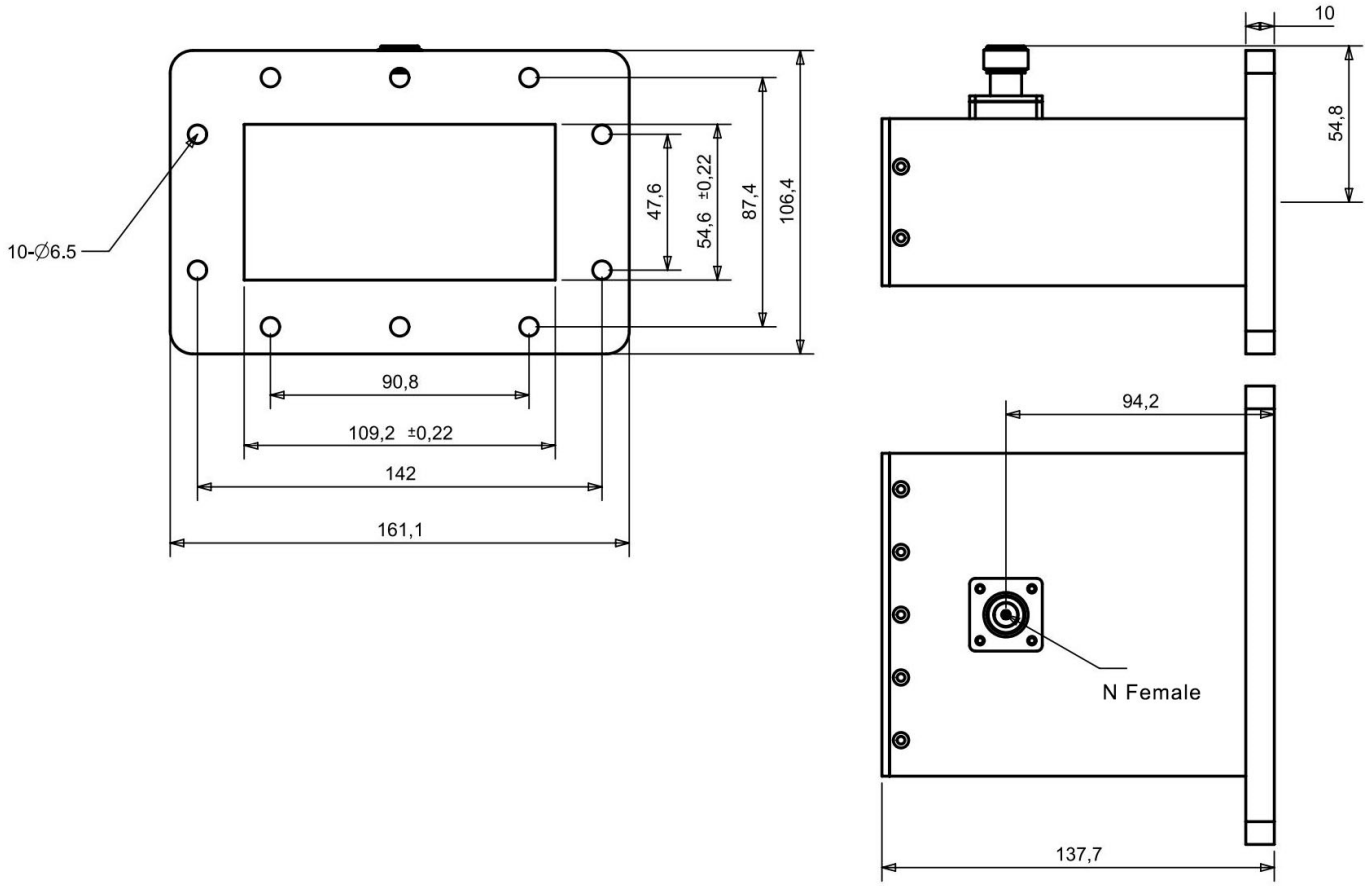
Mechanical & Environmental

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

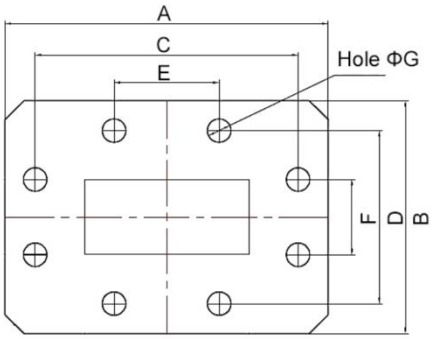
Typical Test Data



Dimensions(mm)



Flange Comparison (Unit mm)



WG SIZE	CONFORMING STANDARD	A	B	C	D	E	F	G
WR430	RF ONE:AWR430N	161.1	106.4	141.98	87.38	90.78	47.64	6.5
	IEC60154:UDR22	161.10	106.40	141.98	87.38	90.78	47.64	6.35
	USA:MIL3922/52-006(UG1711/U)	161.04	106.43	142.00	87.38	90.78	47.64	6.76
	USA:CPR 430F	161.14	106.35	141.98	87.38	90.78	47.66	6.76

* 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.