

Waveguide to Coaxial Adapter **AWR340N**

WR340 to N Female, Rectangular Cover Flange, Right Angle



Rev 3

Electrical

Frequency Range	2.17-3.3 GHz
VSWR	1.2 max

Configuration

Waveguide Size	IEC	26
	EIA	WR340
Flange Type	IEC	UDR26
	North America	Al alloy: M3922/52-008(UG1713/U) Cu alloy: M3922/52-007(UG1712/U) CPR340F
Coax Connector	N Female	
Body Geometry	Right Angle	

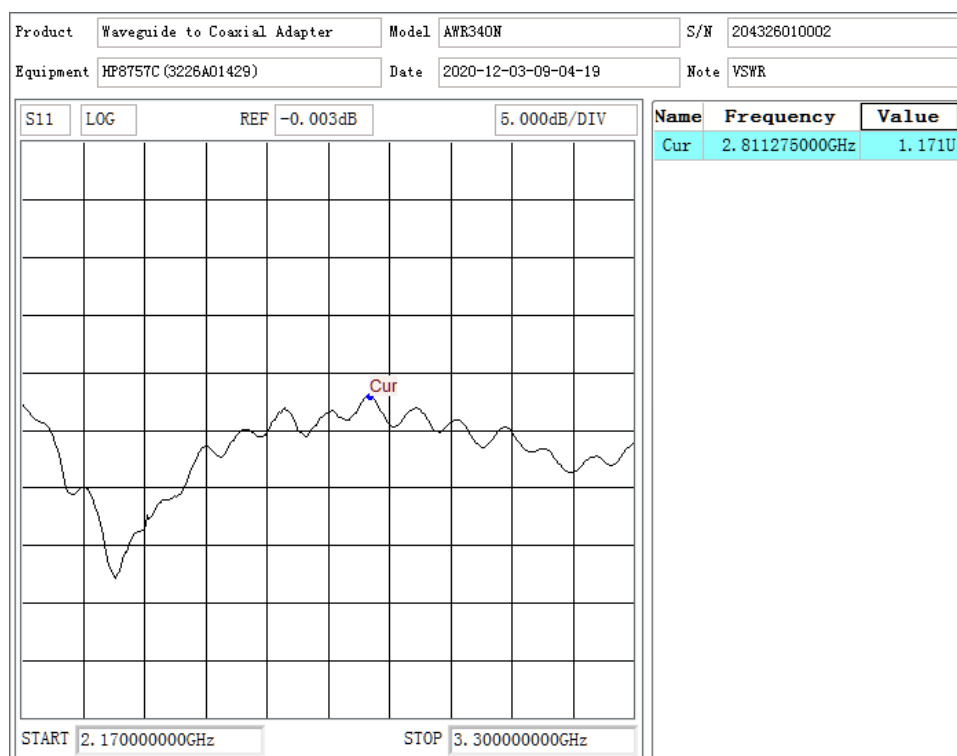
Materials

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

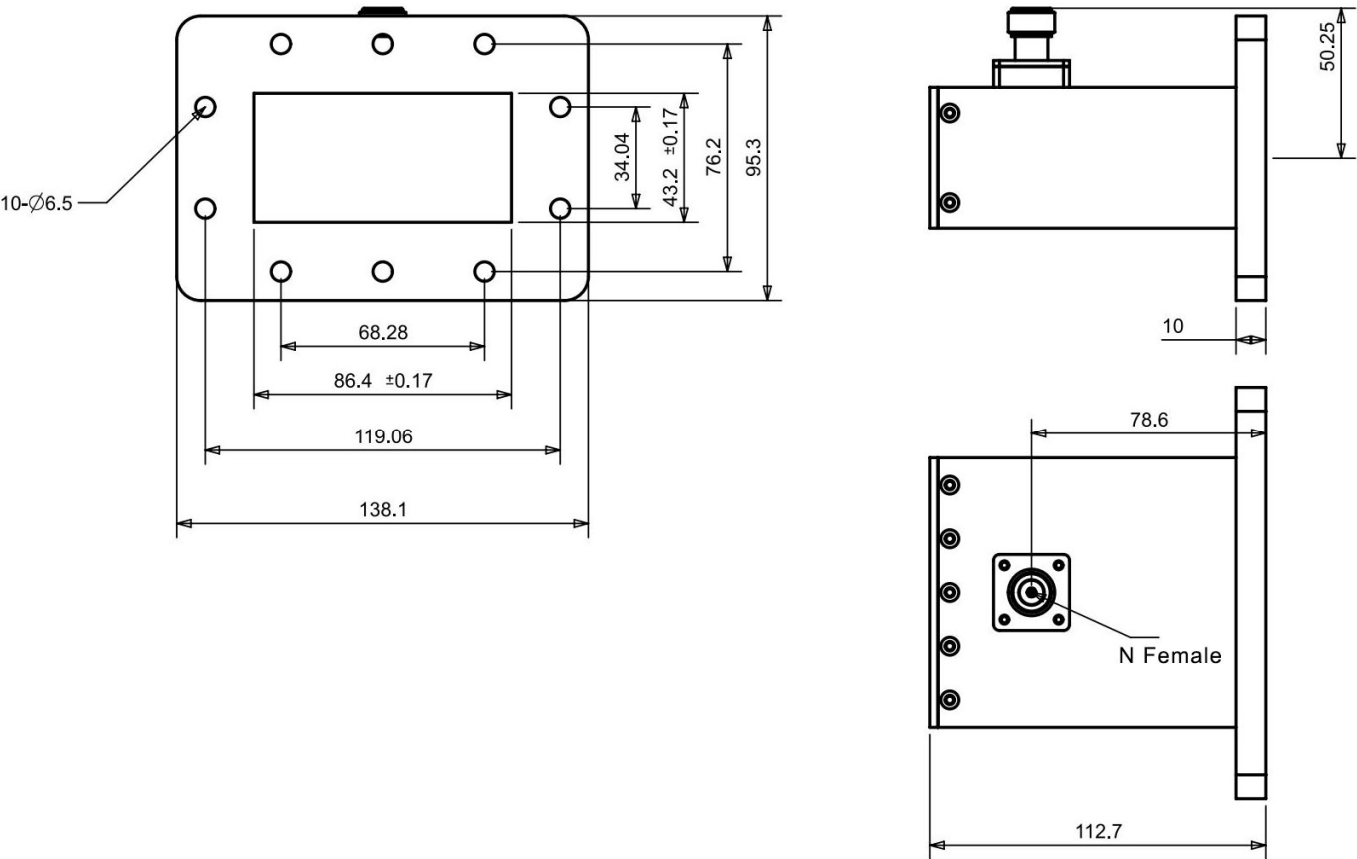
Mechanical & Environmental

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

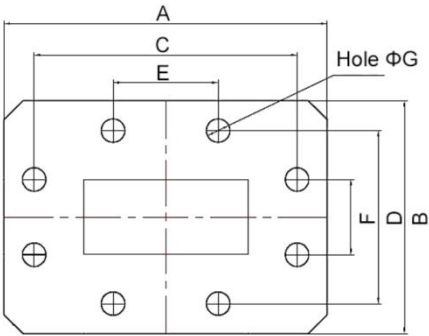
Typical Test Data



Dimensions(mm)



Flange Comparison (Unit mm)



WG SIZE	CONFORMING STANDARD	A	B	C	D	E	F	G
WR340	RF ONE:AWR340N	138.1	95.3	119.06	76.20	68.28	34.08	6.5
	IEC60154:UDR70	138.10	95.30	119.06	76.20	68.28	34.08	6.35
	USA:MIL3922/52-008(UG1713/U)	138.18	95.25	119.08	76.20	68.28	34.08	6.76
	USA:CPR 340F	138.10	95.25	119.08	76.20	68.28	34.08	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.