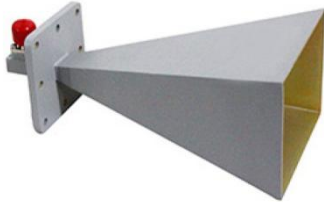




Waveguide Horn Antenna 3.22 – 4.9GHz



Note: The photo is for illustration purposes only. Please refer to the outline drawing.



Features

- Waveguide Horn Antenna
- Other gain versions available
- Compact size

Typical Applications

- Wireless Infrastructure
- Military & Aerospace
- Test and Measurement

Electrical Specifications, $T_A=25\text{ }^\circ\text{C}$

Parameter	Min	Typ.	Max	Units
Frequency Range	3.22~4.9			GHz
Gain	10			dB
VSWR			1.5	:1
Connector	N-Female			
Material	Aluminum			
Inside finish	Chromate conversion			
Outside finish	Grey Paint			

Environmental Specifications and Test Standards

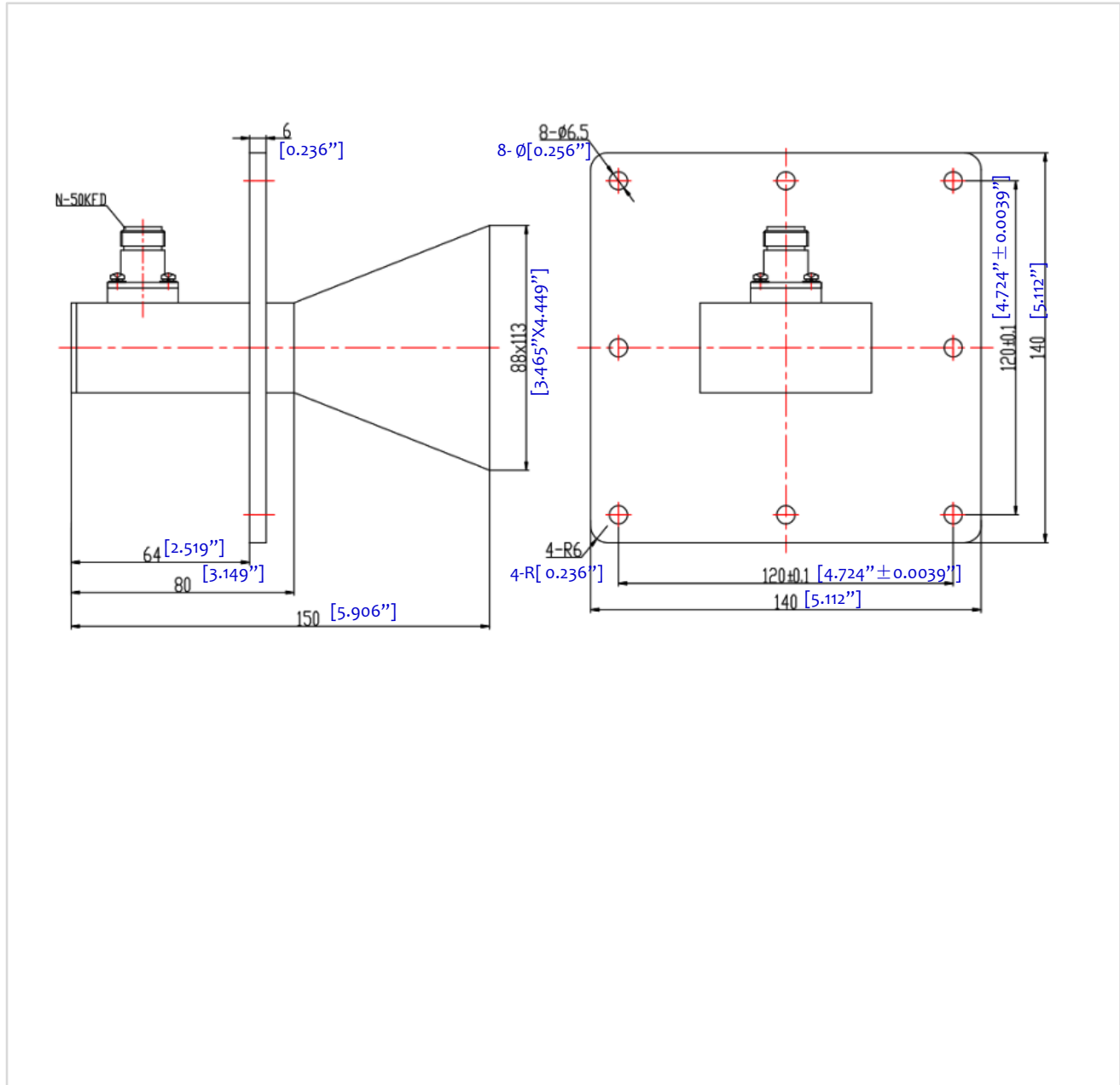
Parameter	Standard	Description
Operational Temperature	MIL-STD-39016	-40°C~+85°C
Storage Temperature		-55°C~+125°C
Thermal Shock		1 Hour@ -45°C → 1 Hour @ +85°C (5 Cycles)
Random Vibration		Acceleration Spectral Density 6 (m/s) Total 92.6 RMS
Electrical & Temperature Burn In		Temperature +85°C for 72 Hours
Shock		1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight <=20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude		Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)
Hermetically Sealed (Optional)	MIL-STD-883	MIL-STD-883 (For Hermetically Sealed Units)

Waveguide Horn Antenna 3.22 – 4.9GHz



Outline Drawing:

All Dimensions in mm [inches]



Waveguide Horn Antenna 3.22 – 4.9GHz

Important Notice

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