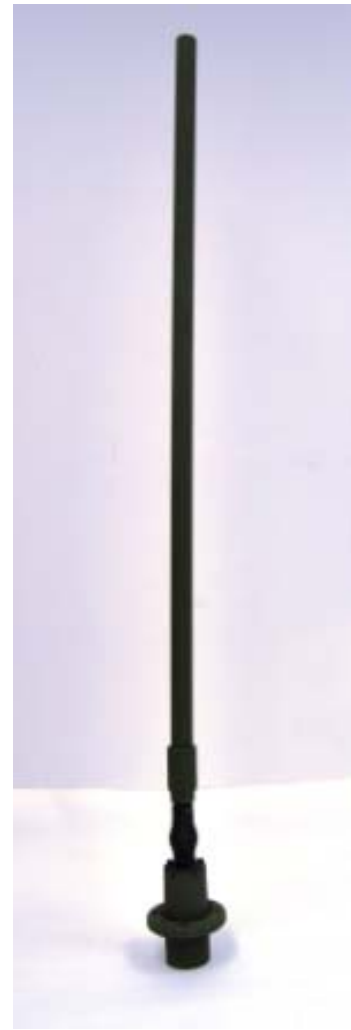


## **ARA-3925**

The ARA-3925 is a two port, vertically polarized omni-directional vehicular antenna designed to operate with the latest generation of JTRS compliant multiband tactical radios. The ARA-3925's first port covers 30-88 MHz VHF for SINCGARS while the second port covers 225-450 MHz UHF for EPLRS, EPRS-XF, SRW or WNW. The ARA-3925 matches or exceeds the gain of many legacy single band VHF or UHF vehicular antennas while only using a single mount location. The ARA-3925 meets the rigorous environmental and mechanical requirements of the US military.

### **Features**

- High Gain
- Designed for 100W (CW) power
- VSWR <2.5:1 (UHF) <3.5:1(VHF)
- Passes CERDEC "Oak Beam" Impact Test
- Designed for use on vehicles traveling up to 60 MPH
- Total weight is less than 10 lbs.
- Available in CARC Green 383 or Desert Tan
- High Voltage (20,000 volts RMS) protection
- 4 Hole CECOM Mount pattern



Export of the product described herein may be subject to licensing under the International Traffic in Arms Regulations (ITAR) 22 CFR Parts 120-130. This data sheet has been released into the public domain in accordance with these regulations.

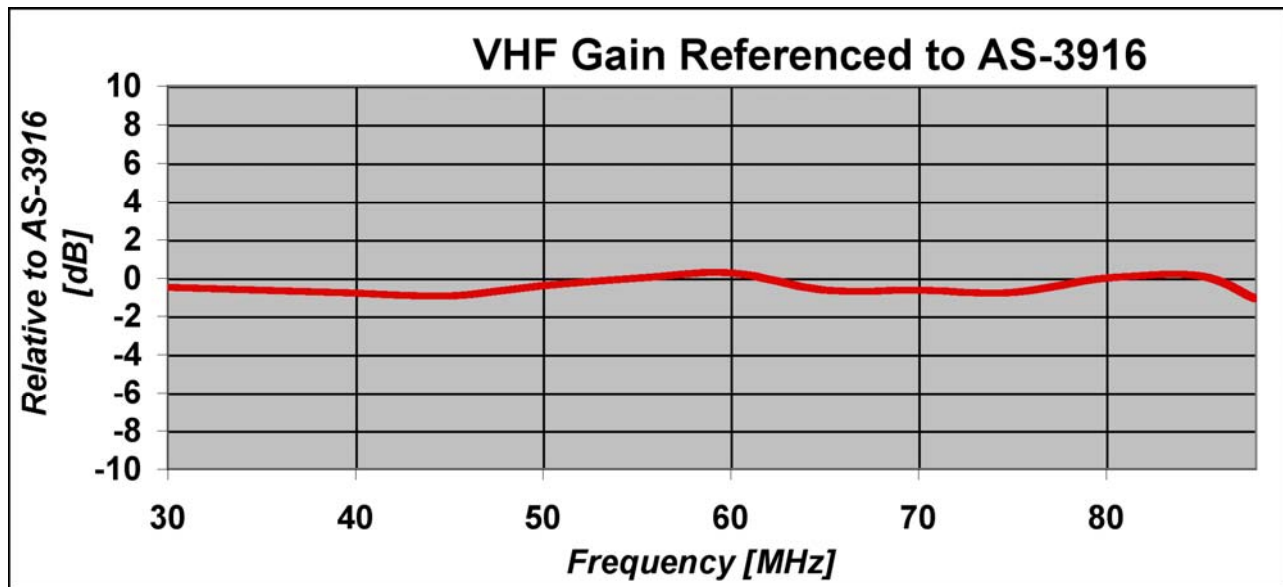
**SPECIFICATIONS:**

**Electrical**

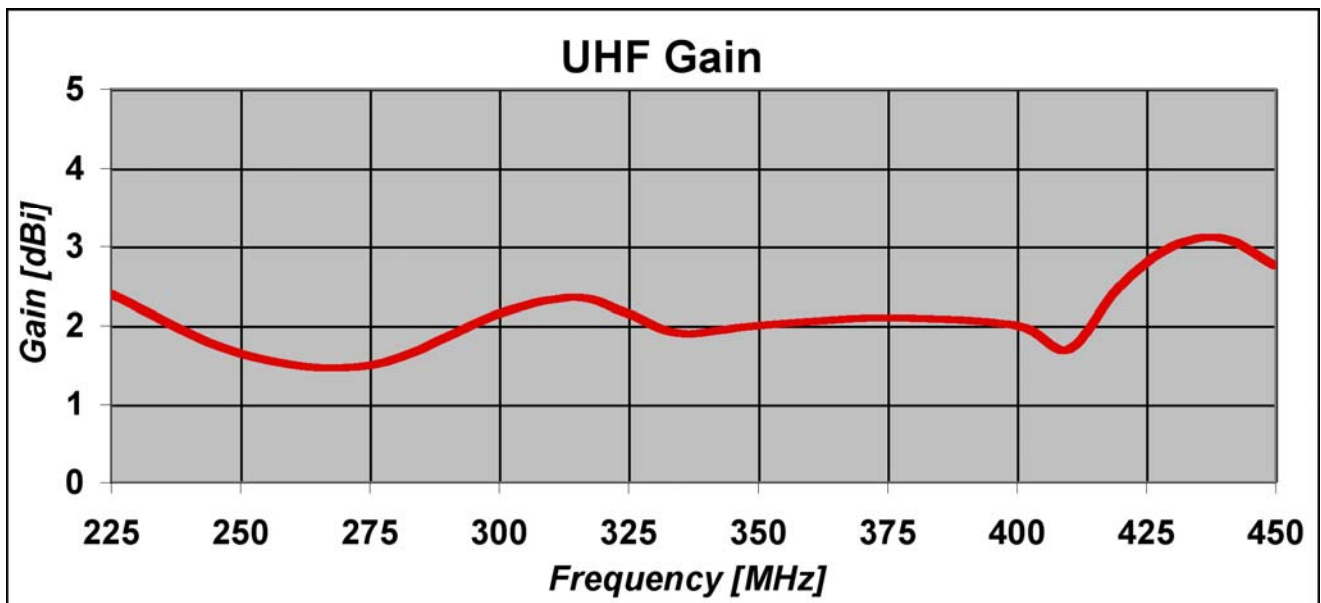
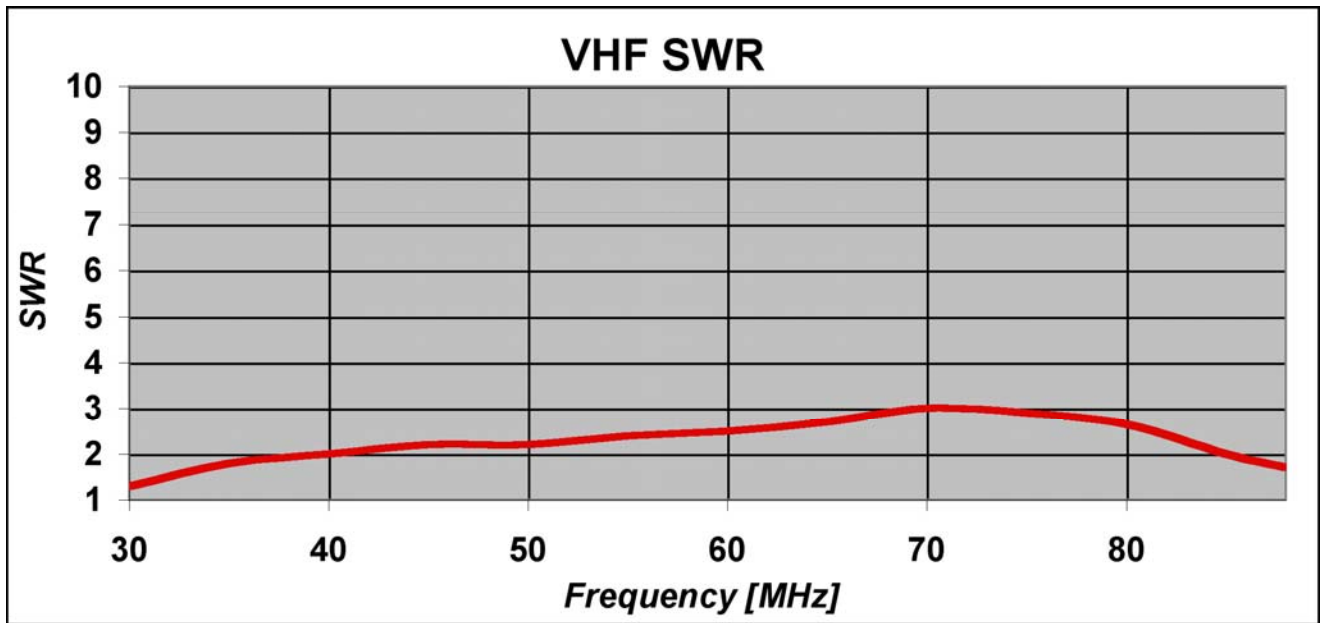
Frequency	30 – 88 MHz	225 – 450 MHz
Gain	-2 to +1 dB SINCGARS	0 to 3.5 dBi
VSWR	< 3.5:1	< 2.5:1
Impedance		50 Ohms
Power		100 W (CW) average
Polarization		Vertical
Pattern		
Azimuth		Omnidirectional
Elevation		Figure Eight??? Field of view
RF Connectors		Two TNC connectors

**Mechanical**

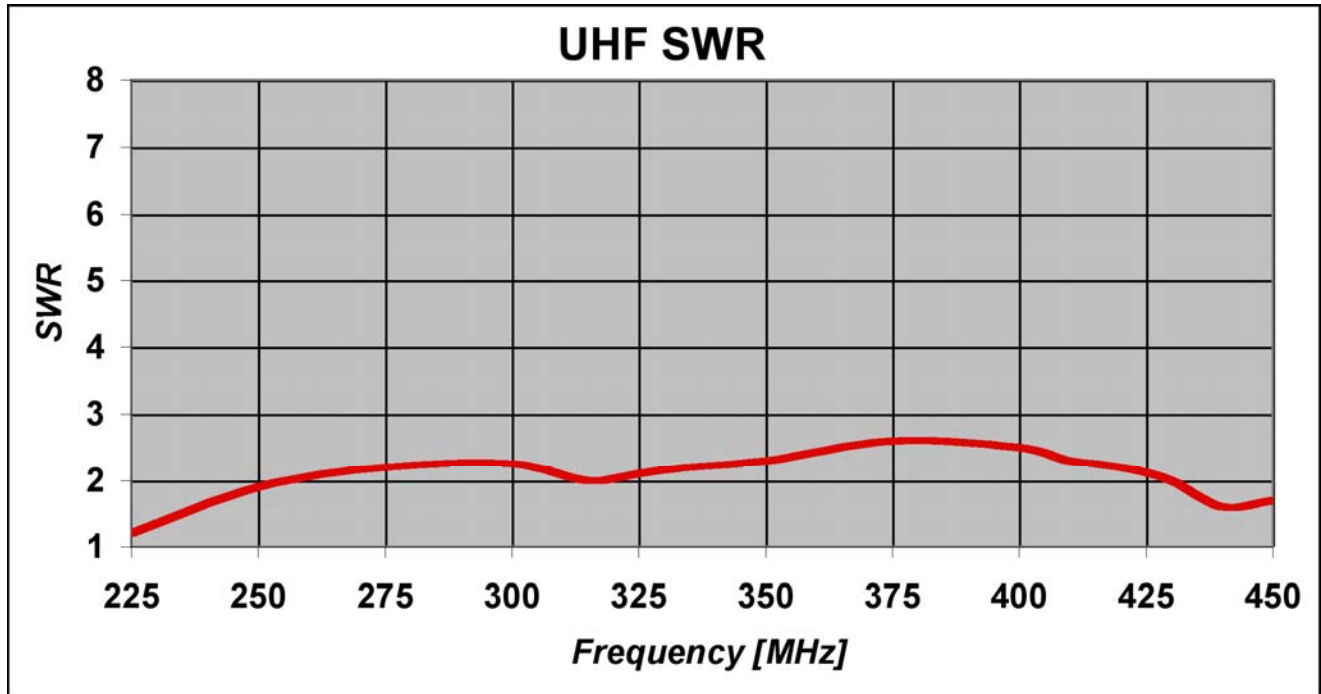
Element Height (no base)	58 inches
Element Diameter	1.625 inches
Total Height	70 inches
Operating Temperature	-40 to +65 C
Finish	Epoxy CARC Green 383



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