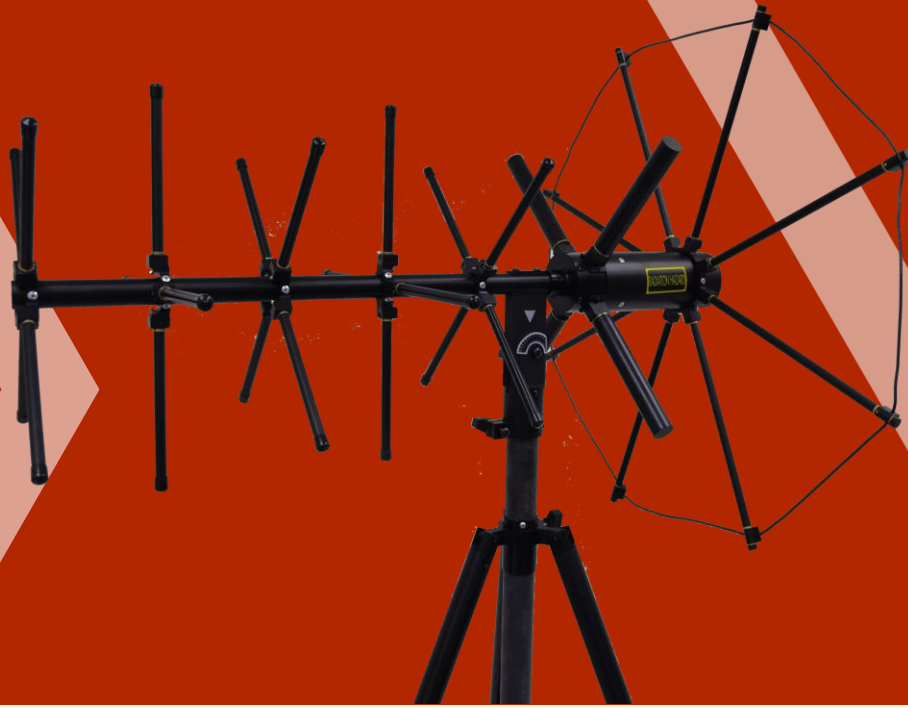




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ARA-3241 SERIES HIGH GAIN MUOS SATCOM ANTENNAS



The ARA-3241 Series hosts extremely rugged and portable high-gain UHF SATCOM antennas that are available in full and compact sizes. These antennas are ideal for tactical command posts and temporary fixed site applications. The compact version is ideal for operation in high winds. The right-hand circular polarized (RHCP) antenna is designed to operate from 300 to 380 MHz at 200 Watts CW. These antennas are designed with exceptionally high gain, low VSWR, and rapid deployment. The antenna complies with MIL-STD-810G environmental standards for vibration, shock, temperature, loose cargo, and immersion.

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

ARA


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FEATURES

- Deployment Time: < 3 minutes
- Black Anodized Finish
- Folding Tripod with Azimuth and Elevation Adjustment
- Two 12.5ft RF cables
- Soft or Hard Case
- Standard or Compact Size
- Made in the USA 

Specifications

Specifications	
Gain	9.7 to 15.0 dBic
Frequency	300 to 380 MHz
Polarization	Right-Hand Circular
Impedance	50 Ω
VSWR	< 1.5:1
Axial Ratio	< 3 dB
Power Handling	200 Watts CW
Cables	Includes 2 RF RG-213 12.5' cables with Type-N Male to Type-N Female

Configurations

	ARA-3241	ARA-3241-HC	ARA-3241C*	ARA-3241C-HC*
Gain	9.7 to 15.0 dBic	9.7 to 15.0 dBic	+11 dBic	+11 dBic
Axial Ratio	3 dB	3 dB	2 dB	2 dB
Input Connector Type	N-Type Male	N-Type Male	N-Type Female	N-Type Female
Weight	34 lbs	34 lbs	20 lbs	20 lbs
Storage	Storage Bag	Hard Case**	Storage Bag	Hard Case**
Wind Speed	Up to 80 MPH	Up to 80 MPH	Up to 160 MPH	Up to 160 MPH
Director Sets (2 each)	Included	Included	N/A	N/A
Dimensions	72" Height, 78" Length when Deployed	72" Height, 78" Length when Deployed	70" Height, 34" Length when Deployed	70" Height, 34" Length when Deployed
*Coming Soon				
**Hard Case: 13.5" x 12" x 37", 4.9 lbs				

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