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ARA-244 SERIES HANDHELD MUOS SATCOM ANTENNAS



The ARA-244 series of antennas are the smallest, sturdiest, lightest, most powerful and rugged handheld UHF and MUOS SATCOM antennas available to the warfighter today.

Developed at the request of Army Special Forces, ARA met with SOF communicators, listened to their needs and feedback on other Systems, and set out to build the best miniature TACSAT antenna available.

The ARA-244 incorporates a quick detachable connect system that allows operators to easily attach a variety of interchangeable folding grips, tripods, ground spikes, and magnetic mounts.

The main body is built to IP68 specifications and has a unique design that eliminates binding, reduces internal wiring and prevents the possibility of an accidental opening.

Primarily for use with the AN/PRC-155, AN/PRC-158, AN/PRC-117F, AN/PRC-117G radios on the MUOS constellation but can also be used with the PSC-5D, MBITR, JEM, MBITR2, PRC-152A, and any radio capable of operating on the legacy UHF satellite constellation.

ARA

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FEATURES

- Directors/Gain Extenders provide an additional 2.0 dBic of gain.
- Deployment Time: < 30 seconds
- Weight: 0.95 lbs (6.5 lbs with hard case)
- Available in Black (Default), Tan, or Green Finishes
- Available with Multiple Grip and Mounting Configurations
- Compact Size – Fits in Breast Pocket
- Submersible
- Made in the USA 

Specifications	
Gain	5 dBic (7 dBic with Optional Extenders)
Frequency	300 to 380 MHz
Polarization	Right-Hand Circular
Impedance	50 Ohms
VSWR	< 1.5:1
Operating Temperature	-40° to +71°C, MIL-STD-810G
Storage Temperature	-47° to +85°C, MIL-STD-810G
Immersion	2 hours, 2 meters
Power Handling	150 Watts CW
Antenna Connector	BNC Female
Cable	4', BNC Male to TNC Male

Configurations								
	Folding Pistol Grip	4' Coax Cable	Mag / Stake Mount	Tripod	Gorilla Pod	Nylon Pouch	Pelican Case	Reference Guide
ARA-244-Kit	x	x		x				x
ARA-244-Kit-A	x	x	x	x		x		x
ARA-244-Kit-B	x	x	x	x		x	x	x
ARA-244-Kit-C		x	x		x	x	x	x
ARA-244-Kit-D	x	x	x	x	x	x	x	x
ARA-244-Kit-P	x	x				x		x
* Optional DR-244 Directors/Gain Extenders provide an additional 2 dBic of gain and can be added to any 244 Series Antenna.								
** Hardware Color Options: Black (1/Standard), Tan (2), Green (3)								
*** Pouch Color Options: Black (A/Standard), Tan (B), Green (C), Army Multi-Cam (D), MARPAT Green (E), MARPAT Tan (F)								
Example: ARA-244-KIT-A1C = ARA-244-KIT-A with black hardware and green pouch ARA-244-KIT-3C = ARA-244-KIT with green hardware and green pouch								

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