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HANDHELD SATCOM ANTENNAS ARA-243 SERIES







The ARA-243 series of antennas are the smallest, sturdiest, lightest, most powerful and rugged handheld UHF 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-243 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.

For use with the PRC-117F, PRC-117G, PSC-5D, MBITR, JEM, MBITR2, PRC-152A and any radio capable of UHF SATCOM.

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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

Revised May 2020

Specifications				
Gain	5 dBic (7 dBic w/Opt Extenders)			
Frequency	240 to 318 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-243-Kit	х	х		х				х	
ARA-243-Kit-A	х	х	х	х		х		х	
ARA-243-Kit-B	х	х	х	х		х	x	х	
ARA-243-Kit-C		х	х		х	х	x	х	
ARA-243-Kit-D	х	х	х	х	х	х	x	х	
ARA-243-Kit-P	х	х				х		х	
* DR-243 Directors/Gain Extenders provide an additional 2 dBic of gain and can be added to any 243 Series Antenna									
** Hardware Color Options: Tan (1), Green (2)									
*** Pouch Color Options: Tan (A), Green (B), Black (C), Army Multi-Cam (D), MARPAT Green (E), MARPAT Tan (F)									
(Example: ARA-243-KIT-A1C = ARA-243-KIT-A with tan hardware and black pouch)									

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