

Mobile & Tactical RF Division | Jamming Products

The **ARA-350** is a dual-port jamming antenna designed for military backpack systems. The antenna has a broadband monopole element designed to operate from 50 to 250 MHz and a broadband dipole element designed to operate from 250 to 512 MHz. It is designed in compliance with MIL-STD-810 military specifications.

The antenna is mounted in a sealed dielectric radome to offer mechanical stability and isolation from environmental hazards, including an Oak Beam impact test. The ARA-350 will handle up to 100 W CW power. This antenna also offers low VSWR. The ARA-350 mounts directly to the electronics enclosure and has two flexible input cables. This antenna can be modified for required customer interfaces.

Specifications:

Frequency	Port 1: 50 to 250 MHz Port 2: 250 to 512 MHz
Polarization	Linear vertical
Gain	Port 1: 0 dBi nominal (130 to 250 MHz) Port 2: -1 dBi nominal (300 to 512 MHz)
Impedance	50 Ω nominal
VSWR	Port 1: 2.5:1 nominal (100 to 250 MHz) Port 2: 2.5:1 max
Pattern	Omni in azimuth
Operating Temp.	-20° to +70° C
Storage Temp.	-30° to +85° C
Power Handling	100 W CW
Antenna Connectors	SMA Female (2) on cables
Dimensions	1.5" dia x 38" H
Weight	2.2 lbs with spring mount
Mounting	Radial hole pattern as required



The data described herein is not subject to licensing under the International Traffic in Arms Regulations (ITAR) 22 CFR Parts 120-130.

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