



ARA-24

Single-Band, Single-Port
SATCOM Antenna

Creating Tomorrow's Antenna Technology Today

The **ARA-24** antenna is a single port, right-hand circular, SATCOM, vehicular-mounted antenna. The antenna has been designed for optimum gain from 225 to 450 MHz. The antenna has been rated for 200 Watts CW over the complete band and does not require any tuning for operation. The low VSWR and high gain in a small form factor makes it excellent for vehicular satellite communications.

This antenna is a magnet mount the attaches to the top of a vehicle. The Type N Female connector is located in the side of the antenna for ease of connectivity. The antenna comes equipped with a black matte fabric cover to integrate on vehicles.

Electrical Specifications

Frequency (MHz):225 - 450
VSWR: < 2.0:1 typical
VSWR (*max*): 3.0:1
Gain 4 - 6 dBi
Power:..... 200+ Watts CW
Input Impedance: 50 Ω
Port: J1
Connector: Type N Female

Mechanical Specification

Weight <3 lbs (1.4 kg)
Height 3 in
Length 15 in
Width 12 in
Mount Magnet Mount with cover
Finish Black Matte



ARA-24



This data sheet has been released into the public domain in accordance with International Traffic in Arms Regulations (ITAR) 22 CFR 120.11(6).