

ARA-0549E SATCOM-on-the-Move Eggbeater Antenna

The ARA-0549E is a right-hand circular polarized 'eggbeater' antenna designed for high-speed satellite communications (SATCOM) and MUOS (Mobile User Objective System) operation. It features a standard fixed mount, while the ARA-0549EM variant comes equipped with a magnetic mount.

The antenna is available in a durable CARC desert sand (default) or black (ARA-0549EB) finish for harsh environments. The antenna meets MIL-STD-8106 environmental standards for vibration, shock, operating and storage temperature, and immersion.



Specifications	
Gain	+6 dBic
Frequency	300 to 380 MHz
Polarization	Right-hand circular
Impedance	50 Ω
VSWR	< 1.5:1
Operating Temperature	-40° to +71° C
Storage Temperature	-47° to +85° C
Power Handling	200 W cw
Antenna Connector	N Female
Deployment Time	< 30 sec for magnetic mount
Option	Magnetic mount, connector out the side
Color	Tan (default), black (ARA-0549EB)
Weight	2.15 lbs (3.12 lbs with magnetic mount)
Magnet Pull Pounds	236 lbs (60 mph, vehicular)