

## Plastic, Vehicular, Magnetic-Mount SATCOM-on-the-Move Antenna

The **ARA-0548PM** is a dual-port, 225 to 400 MHz, UHF Line-of-Sight (LOS, low-angle) and UHF SATCOM (SAT, high-angle) antenna. It is ideal for high-speed and high-power SATCOM-on-the-Move (SOTM) operations. This ultra-rugged, impact-resistant, UV-stabilized, polycarbonate radome is strong enough for a soldier to stand on the edges (up to 250 lbs).

The ARA-0548PM can be used with most tactical Multi-Band, Multi-Mode Receivers (MBMMRs), as well as all airborne and ground transceivers that accept a 50-ohm antenna impedance. This antenna attaches magnetically to any steel surface, and can endure thousands of mounting and repositioning cycles.



### Specifications:

Gain	+8 dBic (SAT) +3 dBi (LOS)	
Frequency	225 to 400 MHz	
Polarization	Right-hand circular (SAT)	Linear vertical (LOS)
Impedance	50 $\Omega$ nominal	
VSWR	1.5:1 (SAT)	3.0:1 (LOS)
Isolation	24 dB min	
Axial Ratio	3 dB at half-power points	
Power Handling	200 W CW	
Antenna Connectors	N Female (SAT)	TNC Female (LOS)
Mounting	Magnetic mount	
Weight	3.33 lbs	
Finish	Black (default)	Tan (ARA-0548PM-T)    Green (ARA-0548PM-G)

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