



ARA-0548PM

Plastic, Vehicular, Magnetic-Mount
SATCOM-On-the-Move Antenna

The **ARA-0548PM** is a dual port, 225 – 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 (250 lbs).



The **ARA-0548PM** can be used with most tactical Multi-Band, Multi-Mode Receivers (MBMMR), 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) Vertical, Linear (LOS)
Impedance	50 Ohms Nominal
VSWR	1.5:1 (SAT) 3.0:1 (LOS)
Isolation	24 dB (min)
Axial Ratio	3dB at Half Power Points
Power Handling	200 Watt CW
Antenna Connectors	N Female (SAT) TNC Female (LOS)
Mounting	Magnetic Mount
Weight	2.75 lbs
Finish	Black (Default) Tan (ARA-0548PM-T) Green (ARA-0548PM-G)

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