



# ARA-0548P

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

The **ARA-0548P** 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 via a fixed mount with connectors in the center.

### SPECIFICATIONS:

<b>Gain</b>	+8 dBic (SAT) +3 dBi (LOS)
<b>Frequency</b>	225 to 400 MHz
<b>Polarization</b>	Right Hand Circular (SAT) Vertical, Linear (LOS)
<b>Impedance</b>	50 Ohms Nominal
<b>VSWR</b>	1.5:1 (SAT) 3.0:1 (LOS)
<b>Isolation</b>	24 dB (min)
<b>Axial Ratio</b>	3dB at Half Power Points
<b>Power Handling</b>	200 Watt CW
<b>Antenna Connectors</b>	N Female (SAT) TNC Female (LOS)
<b>Mounting</b>	Fixed Mount
<b>Weight</b>	2.75 lbs
<b>Finish</b>	Black (Default) Tan (ARA-0548PM-T) Green (ARA-0548PM-G)

MUOS Compatible!

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