



ARA-0548FM

Folding X-Wing
SATCOM-On-the-Move Antenna

The **ARA-0548FM** is a 225 – 400 MHz folding, UHF Line of Sight (LOS, Low Angle) and UHF SATCOM (SAT, High Angle) Antenna and is ideal for high speed SATCOM-On-The-Move (SOTM) operations. The **ARA-0548FM** can be used with most tactical Multi-Band, Multi-Mode Receivers (MBMMR), as well as all airborne and ground transceivers that accept 50 ohm antenna impedance. This antenna attaches magnetically to any steel surface and can endure thousands of mounting and repositioning cycles. The antenna has folding elements for storage. The ARA-0548FM is MUOS compatible.



SPECIFICATIONS:

Gain	+8 dBic (SAT) +3 dBi (LOS)
Frequency	225 to 400 MHz
Polarization	High Angle: Right Hand Circular (SAT) Low Angle: Vertical, Linear (LOS)
Impedance	50 Ohms Nominal
VSWR	High Angle: 1.5:1 (SAT) Low Angle: 3.0:1 (LOS)
Isolation	24 dB Minimum
Axial Ratio	2 dB max
Power Handling	200 Watt CW
Antenna Connectors	N Female (SAT) TNC Female (LOS)
Mounting	Magnetic Mount Fixed Mount (-101 Model)
Weight	2.75 Pounds
Finish	Black (Default) Tan (ARA-0548FM-T) Green (ARA-0548FM-G)

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Antenna Research

12201 Indian Creek Court
Beltsville, MD 20705

Phone: 301-937-8888
Fax: 301-937-2796

www.ara-inc.com