

## Folding X-Wing SATCOM-on-the-Move Antenna

The **ARA-0548FM** is a 225 to 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 (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. 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	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	2 dB max
Power Handling	200 W CW
Antenna Connectors	N Female (SAT) TNC Female (LOS)
Mounting	Magnetic mount (default)
Weight	3.13 lbs
Finish	Black (default) Tan (ARA-0548FM-T) Green (ARA-0548FM-G)

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