Features and Benefits

- **Extreme Portability- 80% less volume and weight vs. portable rigid satellite antennas**
- **Lower Cost of Ownership- Drastically reduces shipping expense**
- **Larger dish enables higher bandwidth/lower satellite access cost**
- **Reliability in Extreme Environments- Greater stability in high winds, durable in extreme temperatures MIL-STD-810G tested**
- **Ease of Set Up- Can be set up and on satellite in under 30 minutes**

GATR 2.4m C-Band
Inflatable Satellite Antenna

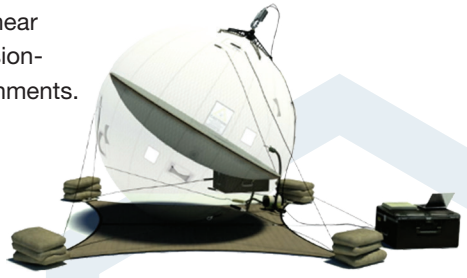
The GATR Inflatable Satellite Antenna revolutionized the portable SATCOM industry with its patented, lightweight communications terminal.

An inflatable radome and flexible parabolic reflector, enables deployment of a 2.4-meter satellite terminal in as few as two airline checkable cases weighing less than 100 lbs each. This reduces pack-out weight and volume by up to 80% compared to deployable rigid antennas, making it ideal for first-in deployments, remote applications and contingency scenarios where transportation and space are limited.

GATR's 2.4m terminal is currently used by U.S. and other military, intelligence, and homeland security organizations, as well as commercial and non-governmental organizations.

The C-Band configuration (available in both Linear and Circular polarizations) ensures robust mission-critical communications in the toughest environments.

GATR 2.4m is also available in Ku-Band and ARSTRAT Certified X-Band and Ka-Band.



GATR 2.4m Inflatable Satellite Antenna

Specifications

Operation	
Set Up Time	< 30 Minutes, 2 Trained Operators
Case Configuration	Antenna Case = 84 lbs Accessories Case = 68 lbs Linear C-Band Case = 88 lbs with HPA, 47 lbs without Circular C-Band Case = 96 lbs with HPA, 55 lbs without
Az/El/Pol	Manual Point & Polarization
Elevation	5 to 90°
Azimuth	+/- 10° from Stage Center
Antenna Performance	
Optics	**Prime Focus**
Transmit Frequency	5.85 to 6.725 GHz
Receive Frequency	3.4 to 4.2 GHz
Polarization	Linear/Circular
G/T (dBi/K)	17.3 dB/K @ 20° elevation
Linear EIRP	64.5 dBW
Amplifier Rated Power	200 W
Interface	
Modem	Interoperable with L-Band SATCOM modems
Interface	L-Band: 950 - 1850 MHz N-Type (50 Ohm)
Reference	10 MHz Reference to RF Electronics (LNB & Amplifier) Meets: MIL-STD-164B (ARSTRAT compliant)
Environmental	
Temperature	Operational: -32 to +50ºC Storage: -40 to +60ºC
Wind Load	Operational: >40 mph Survivable: >60 mph
Other	Tested to MIL-STD-810G shock, vibration, altitude, blowing rain, blowing sand and MIL-STD-461F electromagnetic interference
Power	
Input Power	100 to 240 VAC
Power Consumption	< 1400 Watts
Battery Type & Operation	Two Rechargeable Batteries (BB-2590 (Li-Ion) or BB-390 (NiMH)) UPS houses and charges Batteries and operates core Antenna components (excluding C-Band HPA)

Packaging Options

Also Available in X-Band, Ku-Band, and Ka-band

Single Polarization (Linear or Circular)
2.4m + Accessories + Linear or Circular C-Band with HPA
3 cases < 250 lbs

Both Polarizations (Linear and Circular), One HPA
2.4m + Accessories + Linear C-Band + Circular C-Band with HPA
4 cases < 300 lbs

CHANGING THE SHAPE OF SATCOM

Cubic is revolutionizing the ultra-portable SATCOM industry with the GATR's inflatable satellite antenna. Compared to other deployable rigid dishes of comparable size, GATR's unique shape and designs enable extreme portability, lower cost of ownership, reliability in extreme environments and ease of set up.

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