



## Features and Benefits

- Includes modem and Intelsat Service
- Ease of Set Up: Set up in under 20 minutes with no special tools
- Extreme Portability: 50% less volume and weight than portable rigid satellite antennas
- Efficient Design: Narrower beamwidth (due to full 1.2m dish) results in lower noise floor, and better G/T compared to sub-meter, “disadvantaged” dishes
- Reliability in Extreme Environments: Greater stability in high winds, durable in extreme temperatures MIL-STD-810G tested



# 1.2m Satellite Antenna

## Powered by Intelsat General’s FlexMove

**Single Case GATR 1.2m High-bandwidth Ku-band Antenna, Modem, and FlexMove service by Intelsat General.**

The included GATR 950 Modem and FlexMove service by Intelsat General provide an end-to-end global managed service, enabling always-on broadband capabilities worldwide with reliable satellite connectivity made simple for the user.

The GATR Inflatable Satellite Antenna has revolutionized the portable SATCOM industry with its patented, inflatable communications terminal. An inflatable radome and flexible parabolic reflector mounted near the equator enable deployment of a single Ku-band 1.2-meter satellite terminal in one airline checkable case weighing less than 100 lbs. The novel inflatable design reduces pack-out weight and volume by up to 50% compared to deployable rigid antennas of similar size, making it ideal for first-in deployments, disaster responses, and contingency scenarios where transportation and space are limited.

## Powered by Intelsat General's FlexMove

Operation	
Set Up Time	< 20 Minutes, 1 Operator
Single Case Ku Terminal	1 case < 100 lbs 1.2m Ku-Band ISA with GATR 950 Modem
Az/EI/Pol	Manual Point & Polarization
Elevation	5 to 90°
Azimuth	+/- 10° from Stage Center
Antenna Performance	
Optics	Prime focus
Polarization	Linear
Transmit Frequency	13.75 to 14.50 GHz
Receive Frequency	10.70 to 12.75 GHz
G/T	20.7 dBi/K @ 20° Elevation
Linear EIRP	54.9 dBW
Amplifier Rated Power	25 W
Satellite Compliance	FCC Licensed and Intelsat General FlexMove Certified
Interfaces	
Included Modem	GATR 950 iDirect modem for FlexMove Terminal
Interface	L-Band: 950 - 2000 MHz N-Type (50 Ohm)
Reference	10 MHz Reference to RF Electronics (LNB & Amplifier)
Environmental	
Temperature	Operational: -32 to +50° C Storage: -40 to +60° C
Wind Load	Operational: 40 mph (64 kph) Survivable: 60 mph (97 kph)
Other	Tested to MIL-STD-810G shock, vibration, altitude, blowing rain, blowing sand, ice load, salt fog and MIL-STD-461F electromagnetic interference
Power	
Input Power	100 to 240 VAC 10 to 42 VDC
Battery & Operation	Two Rechargeable Batteries. Housed and charged by UPS. Batteries operates entire system for up to 3 hours.

## FlexMove Benefits

**HIGH-PERFORMANCE DATA NETWORK:**  
Data rates of up to 20 Mbps x 3 Mbps for high-performance video, voice, and data applications.

**PORTABLE TERMINALS:**  
Our high-performance network enables Grab-and-go Comms-on-the-Pause and Manpack terminals that are easy for even the least experienced user to set up and achieve connectivity quickly.

**FLEXIBLE PRICING STRUCTURE:**  
FlexMove by Intelsat General users can enjoy affordable service with pay-as-you-go, monthly, unlimited, and pooling payment structures formulated to fit individual needs.

The solution includes one year of service with 25GB per month Service Plan at no additional cost. Unused data is accumulated throughout the year if services are not used. Any unused data continues to roll over each month until the annual renewal date.

**GLOBAL FLEXIBLE COVERAGE:**  
The Intelsat network is comprised of satellite and terrestrial components that cover 90% of the world's population with reliable, resilient coverage anytime, anywhere.

## Packaging



## CHANGING THE SHAPE OF SATCOM

Cubic is revolutionizing the ultra-portable SATCOM industry with its inflatable communications terminal. 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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