



INTELSAT.
General
Qualified Terminal

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, 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 FlexMove by Intelsat General

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

The included GATR 950 Modem and FlexMove by Intelsat General service 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.

GATR 1.2m Inflatable Satellite Antenna

Specifications

RF Frequency	Ku-Band
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
G/T (dBi/K)	20.7 @20° Elevation
EIRP (dBW) - Linear	54.9
Amplifier TX Power	25 W
Satellite Compliance	FCC Licensed, ARSTRAT WGS Certified (X & Ka) Type Certifications: Intelsat FlexMove, Inmarsat Global Express Cat IV, Skynet, Optus, SES, XTAR
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) Meets: MIL-STD-164B (ARSTRAT Compliant)
Environmental	
Temperature	Operational: -32 to +50° C Storage: -33 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	VAC: 100 - 277 VDC: 18 - 36

FlexMove Benefits

HIGH-PERFORMANCE DATA NETWORK:

Data rates of up to 10 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 nearly instantaneously.

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 first year includes a flexible 1 year 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 the GATR's 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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