CUBIC Mission Solutions

GATR Technologies

Features and Benefits

- Ultra-light, components weigh less than 19 lbs (without modem & travel case)
- Ideal for use with High Throughput Satellites (HTS)
- Assembly in under two minutes, no tools required
- Flexible dish enables most compact pack-out
- Modular design allows fast switching between frequencies
- Complete terminal packs into a single airline carry-on
- Available in Ku-band and Ka-band
- Manual Az/El drive system with coarse and fine adjustment
- Up to 50% less volume and weight vs. portable rigid .65m - .75m satellite antennas

GATR-FLEX | 75 SATCOM Antenna

A foldable, seamless, parabolic reflector makes the GATR-FLEX® the ultimate portable .75m SATCOM antenna with undisputed portability and ease of setup.

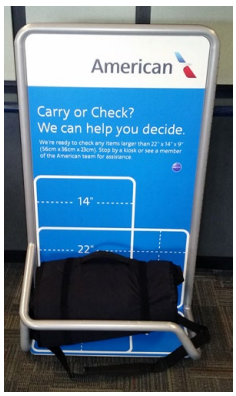
Flex|Enterprise
Qualified Terminal

GATR-FLEX | 75

Specifications

	Ku-band	Ka-band
Specification		
Set up time	< 5 Minutes, 1 Operator	
Case (Single Band)	1 Case < 70 lbs	
Az/El/Pol	Manual Point & Polarization	
Elevation	0 to 90 Deg	
Azimuth	+/- 90 deg	
Antenna Performance		
Optics	Prime Focus, Splash Plate Feed	
Polarization	Linear	Circular
G/T (dBi/K)	17 @20° Elevation	17.3 @15° Elevation
EIRP (dBW) - Linear	49.7	54
Satellite Compliance	FCC Licensed Intelsat FlexGround - High Throughput Satellites	
Interfaces		
Modem	Interoperable with L-Band SATCOM modems	
Interface	L-Band: 950 - 2000 MHZ	
Reference	10 MHz Reference to RF Electronics (LNB & Amplifier) Meets: MIL-STD-164B (ARSTRAT compliant)	
Environmental		
Temperature	Operational: -20 to +50 Deg C Storage: -20 to +60 Deg C	
Wind	Operational: 20 mph	
Power		
Input Power	VAC: 100 - 277 VDC: 18 - 36	
Power Consumption	< 100 W w/Modem	

GATR-FLEX | 75 Antenna System Details



Small compact design enables low-profile transport.

CHANGING THE SHAPE OF SATCOM

GATR 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.

Cubic | GATR
cubic.com/gatr

330 Bob Heath Drive
Huntsville, AL 35806

Tel: (256) 382-1334