

RADITEK

SATCOM Ku Band Antenna

Ku Band Stabilized Antenna

1.24 Meters



ABOVE DECKS	SPECIFICATIONS
Antenna Size	1.24 Meter/ 49.0 inches
Radome Dimensions	Height 156cm/61.41 inches, Diameter 157.3cm/61.92 inches
Weight	Approximately 120.2kg / 285lbs
TX Freq & Gain	13.75 ~ 14.5 GHz & 43.2 dBi measured @ 14.25 GHz
RX Freq & Gain	10.95 ~ 12.75 GHz & 42.1 dBi measured @ 12.50 GHz
Calculated G/T	19.0 dB/K @ 11.8GHz
Axes of Stabilition	3 axis : Azimuth, Elevation and Cross-Elevation
Pointing Accuracy	+/- 0.2 degree—Compliant with FCC 25.222
Range of Motion	Azmuth-Unlimited / Elevation -20 to +105 (Target 0 to 90)
Tracking Speed	90 degree/sec, Fast enough for Land-mobile or Maritime
Feed Assembly	Linear with Automatic Polarization Control*
BUC	4 Watt NJRC Standard, Optional 8 Watt*
LNB	Single Band, PLL / Optional Quad Band*
PCU-Pedestal Control Unit	32 bit DSP processor contains both DVB (DVB-S / DSS) and Narrow Band (25KHz) tuner
BELOW DECKS	SPECIFICATIONS
ACU-Antenna Control Unit	32 bit DSP processor built-in 48V DC power supply(150W) for TX to Power 8 Watt BUC and larger
Data I/O	RJ45 Console Port for interface with satellite modems M&C (Monitor/Control) for remote software control Serial Port for GPS I/O (GPGLL, GPGGA & GPRMC at 4800 or 9600) Serial Port for Command Code Protocol (GPT/TTP) Interface Ethernet Port (M&C, AutoBeam Switching & GTP/TTP)
Headding Input	NMEA 0183 (HEHDT), Step-by-Step and Synchro (1:1, 36:1, 90:1, 360:1)
Power Input	110/220 AC, Auto-Sensing Power Supply



RANT-Ku-1.24m-Stabilized-u9

Specifications may be subject to change

08/30/10

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