

# Sea Tel 6006RZA Ku

3-Axis marine stabilized antenna system compatible with Ku-Band satellites

2008 Data Sheet

The most important thing we build is trust

## The Model 6006RZA Ku Broadband-at-Sea

The 6006RZA Ku Antenna is similar to the 4006 with a larger 1.5-meter Ku-Band maritime VSAT antenna for SCPC, broadband, or hybrid networks.

Because of its size and power, the 6006RZA Ku features a higher transmit and receive gain (about 2 dB) which allows substantially increased thru-put connections depending on your data transfer requirements.

The 6006RZA Ku is suitable for file and image transfer, video conferencing, e-mail, Virtual Private Networks (VPNs), and database backup.

The Sea Tel 06 Series utilizes the DAC 2202 Antenna Control Unit. The DAC 2202 is a 19" rack mount unit (1.75" tall) featuring: (3) RS-232/422 Serial Ports; (1) full function M&C and (2) NMEA ports for heading, GPS input and modem compatible, reformatted GPS output; (1) Ethernet port allowing (2) full-function TCP/IP M&C ports; (1) multi-user HTML interface port for setting all DAC parameters and viewing the current DAC status; (1) UDP download port for updating software in the Comm Interface.

## Specifications

- Antenna: 1.5 m/58" D ring glass
- Radome: 1.93m/76" D x 2.06m/81" H.
- Weight: 400 lbs. approx.
- Polarized Feed: Linear Cross-pol or Co-pol with Automatic Control
- Waveguide Rotary Joint: Allows >180 degrees of feed rotation
- BUC: 4W, 8W, 16W, 25W and 40W Available
- Transmit Gain: 45.1dB @14.2 GHz
- Receive Gain: 44dB @ 12.0 GHz
- Roll/Pitch Amplitude: +/-25 degrees roll; +/-15 degrees pitch
- Pedestal Type: 3-axis: Level, Cross-Level and Azimuth
- Transmission rate is compatible with many different types of modems, networks and services.
- IP access to the Internet and corporate networks enabling fast downloads of large data files and e-mail
- Unlimited data transfer allowance
- Brake system on EL and CL axes to prevent damage due to loss of power
- High Quality of Service (QoS) for voice
- Easy stand-alone or network compatible installation
- 24/7 customer care and technical support
- 1-year warranty on parts, 1-year labor



Sea Tel's patented, 3-axis stabilization system isolates the antenna from the ship's motion no matter how rough the weather and seas. The antenna system responds to ship's movement at a rate as fast as 90 degrees per second.

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