

Model 5004 UA

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

2013 Data Sheet

The most important thing we build is trust

COBHAM

Model 5004 UA TV-at-Sea Antenna

The 5004 UA is a 50" antenna that features Unlimited Azimuth range using a 6 channel rotary joint ensuring uninterrupted TV services no matter how many turns the vessel makes.

The 5004 UA also features high performance stabilization and satellite tracking using a 3-axis closed loop stabilization system, providing quality performance in the roughest of seas.

The Model 5004 UA has a compact, attractive all-white radome, DVB (Digital

Video Broadcasting) signal identification, and Sea Tel's proprietary antenna control and fast-track signal lock software. It's ready for multiple satellite reception and includes a two year warranty on parts, and one year on labor.

With Sea Tel's 5004 UA antenna stabilization system, the TV choices you enjoy at home can be enjoyed at sea, all at the touch of a button.

The 04 Series antennas are compatible with the services provided by the

industries leading satellite companies like DIRECTV™, DISH Network™, Bell TV™, Hotbird, Sky, Orbit and DIRECTV Latin America (DLA)™.

All Sea Tel DBS TV-at-Sea systems accommodate any number of satellite receivers. Many TV sets may be installed onboard, each receiving its own programming from its satellite receiver.

Features and Benefits

- 6 Channel Rotary Joint for unlimited azimuth range: Channels (4 RF and 2 DC)
- High performance stabilization and satellite tracking even in inclement weather.
- Fast satellite acquisition using built-in GPS antenna and proprietary algorithms.
- Sea Tel's proprietary antenna control and fast-track signal lock software.
- Global programming and digital music channels.
- Designed to meet EN 60945, and MIL STD 167 specifications.
- HD Ready (Ku-Band Satellites).



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Typical data for 5004 UA

- Minimum EIRP: 41 dBW
- Dish Diameter: 1.27 m; 50 in
- Radome Dimensions: 1.56m/61.5in D x 1.7m/65in. H (1.65m/65in max flange diameter)
- Antenna Weight: 95.3 kg; 210 lbs
- Antenna Stabilization: 3-axis closed loop
- Stabilization Motors: Brushless (quiet) DC Motors
- Ship's Motion: +/-25° Roll & +/-15° Pitch
- Roll & Pitch Response Rate: Unlimited
- Azimuth Range: Unlimited
- Elevation Range: -15° to +115°
- Polarization Control: Automatic
- Tracking System: Dishscan (no rotating feed)
- Warranty: 2 years parts / 1 year labor



Typical data for DAC 2202 Controller

- Model: 2202
- Mounting: Rack Mount
- M & C Ports: 1 Serial, 3 TCP/IP, 1 multi-user web browser support
- UDP Upload port for updating software in the Comm Interface
- Reformatted GPS output: (GGA and GLL)
- Heading Input: NMEA 0183, SBS, Synchro or No-Gyro Mode
- Dimensions: 19" X 1.75"

For further information please contact:

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