

# Sea Tel<sup>®</sup> 9707 Antenna

[www.seatel.com](http://www.seatel.com)



*When the going gets rough, Sea Tel<sup>®</sup> keeps going*

## Broadband-at-Sea



**The Sea Tel Model 9707** radical offset antenna is our most efficient ever C-band Circular only, stabilized antenna system. The Model 9707 is both INTELSAT and DSCS compliant. You get more through-put using the same or lesser amount of valuable deck space.

Innovative Radical Offset antenna technology provides unparalleled efficiency and performance. An unmatched range of additional powerhouse features means a system you can rely on whatever the weather or the sea conditions.

- Receive gain: 38.5dBi @ 3.95 GHz
- Transmit gain: 41.7dBi @ 6.18 GHz
- 20.2 dB/k calculated G/T @ 3.95 GHz (Clear sky, 20 degrees elevation)
- Radome: 3.65m/144" D x 3.6m/142"
- INTELSAT Earth Station Standard 601 Rev 9
- Sidelobes, 100% below 29-25 log mask
- Ship's Motion: +/- 25° Roll or +/-20° Roll and +/- 15° Pitch
- < 0.2° PEAK mis-pointing @ +/- 25°/15°
- Circular polarization only
- 25W or 40W Codan versions only
- Automatic satellite acquisition
- Internal tracking receiver
- Unlimited azimuth (no cable unwrap)
- Built-in test capability, run from antenna control unit or PC
- Windows M&C program
- All antenna control functions
- M&C for antenna mount RF equipment, up/down converters
- Built-in test includes Strip Chart Recorder
- Remote Diagnostics
- Meets Navy MIL-STD-901D GRADE A shock standards and MIL-STD-461 EMI & RFI standards (including 200V/M)
- Meets MIL-STD-167-1 Vibration

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