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**DAC 97
INTERNET**



Sea Tel Model 9797

Sea Tel's Model 9797 radical offset antenna is our most efficient ever C-band, X-band and Ku-Band marine stabilized antenna system, is both INTELSAT and DSCS compliant. You get more through-put using the same or lesser amount of valuable deck space. Also available as a dual-band selectable C and Du-Band system for complete flexibility. Innovative Radical Offset antenna technology provides unparalleled efficiency and performance.

SPECIFICATIONS

- Receive gain: @ 3.95 GHz 38.5 dBic
- Transmit gain: @ 6.175 GHz 41.7 dBic
- 20.2 dB/k calculated G/T @ 3.95 GHz (Clear sky, 20 degrees elevation)
- Radome Diameter: 144"
- INTELSAT Earth Station Standard 601 Rev 9
- Sidelobes, 100% below 29-25 mask
- Compliant to DSCS requirements: X-Band G/T > 22db/k @ 7.5 GHz
- Ship's Motion: +/- 25° Roll or +/-20° Roll and +/- 15° Pitch
- < 0.2° PEAK mis-pointing @ +/- 25°/15°
- Automatic satellite acquisition
- Automatic linear polang positioning
- 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
- CE Marked