



# Multiband X/Ka Shipboard Antenna

## Specifications

| Parameter                                      | Performance   |   |
|--|---|---|
| Frequency Range                                | Receive:<br>X-band: 7.25-7.75 GHz<br>Ka-band: 20.2-21.2 GHz | Transmit:<br>7.90 – 8.40 GHz<br>30.0-31.0 GHz |
| Polarization X & Ka-band<br>(4-port each band) | Receive: LHCP   | Transmit: RHCP                                |
| Isolation                                      | X-band TX/RX >110 & Ka-band TX/Rx > 90                      |   |
| Power Handling                                 | X-band: 1000 Watts & Ka-band: 200 Watts                     |   |
| Sidelobe Levels                                | MIL-STD-188-164A  |   |
| G/T  | X-band: 18.5 dB/K & Ka-band: 24.5 dB/K                      |   |

## WGS Ready – TODAY

- Proven MILSATCOM performance, in use by the Royal Australian Navy
- For use in Dual-band and Dual-Polarization applications
- Simultaneous X/Ka-band
- Axial Ratio <1.0 dB
- High power capacity
- High efficiency shaped dual reflector
- Measured Low PIM Performance for multi-carrier application

## Contact

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## About Comtech

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