



Multiband X/Ka Shipboard Antenna

Specifications

Parameter	Performance	
Frequency Range	Receive: X-band: 7.25-7.75 GHz Ka-band: 20.2-21.2 GHz	Transmit: 7.90 – 8.40 GHz 30.0-31.0 GHz
Polarization X & Ka-band (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

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About Comtech

Comtech Telecommunications Corp. (Nasdaq: CMTL) designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets. For more information visit www.comtechtel.com.

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