



Multiband Ku/Ka Shipboard Antenna

Specifications

Parameter	Performance	
Frequency Range	Receive: Ku-band: 10.95-12.75 GHz Ka-band: 20.2-21.2 GHz	Transmit: 13.7-14.5 GHz 30.0-31.0 GHz
Polarization: Ku-band Ka-band	Receive: H or V Receive: LHCP or RHCP	Transmit: V or H Transmit: RHCP/LHCP
Ku Polarization Alignment	up to 360 °	
Ku: Cross Polarization Ka: Axial Ratio	≥ 35 dB < 1dB	
Isolation	Ku-band TX/RX >70 dB & Ka-band TX/Rx > 90 dB	
Power Handling	200 Watts	
Sidelobe Levels	MIL-STD-188-164A	
G/T	Ku-band: 20.4 dB/K & Ka-band: 23 dB/K	

Features:

- Simultaneous Ku/Ka antenna, developed for the NANSEN Frigate upgrade program
- High power capacity
- High efficiency shaped dual reflector

About Us

Comtech Telecommunications Corp. is a leading global technology company providing terrestrial and wireless network solutions, next-generation 9-1-1 emergency services, satellite and space communications technologies, and cloud native solutions to commercial and government customers around the world. Our unique culture of innovation and employee empowerment unleashes a relentless passion for customer success. With multiple facilities located in technology corridors throughout the United States and the world, Comtech leverages its global presence, technology leadership and decades of experience to create the world's most innovative communications solutions. For more information visit comtech.com.

Note: Technical specifications are subject to change without notice.

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Ref: ds_Multiband Ku-Ka Shipboard Antenna_101925
Approved for Public Release_10192025