

MULTIBAND Ku/Ka SHIPBOARD ANTENNA

TEXTRON Systems

Specifications

Parameter	Performance	
Frequency Range	Receive	Transmit
	Ku-Band: 10.95-12.75 GHz Ka-Band: 20.2-21.2 GHz	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 or LHCP
	Ku Polarization Alignment	up to 360°
Ku: Cross Polarization Ka: Axial Ratio	≥ 35 dB	
	< 1 dB	
Isolation	Ku-Band TX/RX >70 dB Ka-Band TX/Rx > 90 dB	
Power Handling	200W	
Sidelobe Levels	MIL-STD-188-164A	
G/T (typical for 1.5m)	Ku-Band: 20.4 dB/K	
	Ka-Band: 23 dB/K	

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



Tomorrow's Communications Today!

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