

Multiband X/Ku Shipboard Antenna



Your Established Partner

TCS brings proven, technology problem-solving expertise to its professional service offerings for the public sector. From continuity of operations and information assurance, to cyber security and integrated logistics support, TCS solves the toughest technical challenges, under conditions that demand the highest level of reliability, availability, and security. As an ISO 9000-certified provider with many consultants holding active security clearances, TCS has an established track record over the past decade as a trusted partner providing mission continuity for the Department of Defense, Special Operations and intelligence communities, the Department of Homeland Security and the Department of State.

TeleCommunication Systems, Inc.
275 West Street
Annapolis, MD 21401 USA
Toll Free: 1.888.728.8797
Outside US: +1.410.263.7616
www.telecomsys.com

For information contact:
3311 E. Renner Road, Suite 100
Richardson, TX 75082
1.469.330.5020
multiband@telecomsys.com

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Specifications

Parameter	Performance	
Frequency Range	Receive: X-band: 7.25-7.75 GHz Ku-band: 10.95-12.75 Ghz	Transmit: 7.90 – 8.40 GHz 13.75-14.50 Ghz
Polarization	Receive: X-band: LHCP Ku-band: H/V	Transmit: RHCP V/H
Isolation	X-band TX/RX >100 & Ku-band TX/RX >80	
Axial Ratio	X-band <1.0 dB & Ku-band > 30 dB	
G/T	X-band: 12.8 dB/K & Ku-band: 16.3 dB/K	

Features

- MILSATCOM and COMSATCOM in one antenna
- Simultaneous 1.0M X/Ku-band antenna
- High efficiency shaped dual reflector

TCS TeleCommunication Systems
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