

# 2.2M X-Band Shipboard Antenna



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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.

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## Specifications

Parameter	Performance	
Frequency Range	Receive: 7.25-7.75 GHz	Transmit: 7.90 – 8.40 GHz
Polarization	Receive: LHCP	Transmit: RHCP
Isolation	TX/RX > 100	
Power Handling	2000 Watts	
Sidelobe Levels	MIL-STD-188-164A	

## Features

- Developed for the German Navy F125 Class Frigate
- Upgradable X/Ku and X/Ka-Band Feed Simultaneous Multiband Option
- Low PIM Capability
- High Power Capacity
- High Efficiency Shaped Dual Reflector

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