

Description

A low profile, lightweight UHF SATCOM antenna ideally suited for surface vehicles, fixed sites, and shipboard applications. Provides RHCP coverage over the full 240 - 320 MHz SATCOM band.

Mechanically, this lightweight antenna is very rugged and suitable for high-shock and high-vibration environments. The 901-0077-001 is a complete, fully functional antenna system, so no other external components need to be purchased. No external power supply is necessary for operation.

Specifications

Electrical

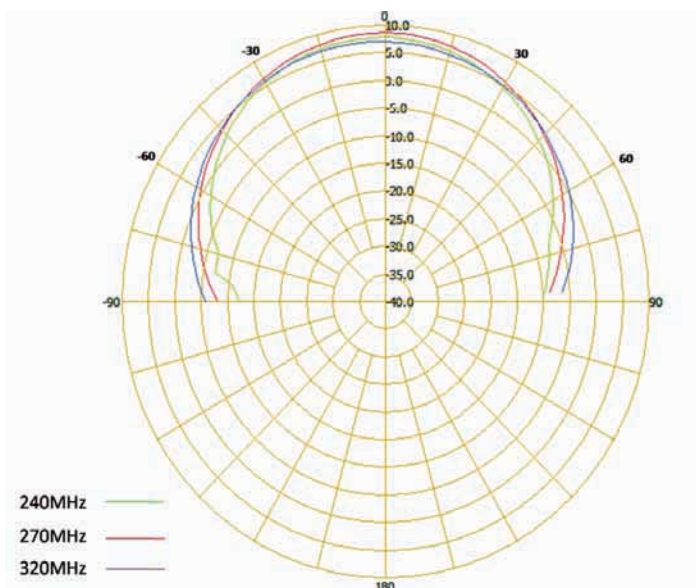
Frequency Band	240-320 MHz
VSWR	1.6:1
Polarization	Right-Hand Circular
Power	200W Continuous

Mechanical

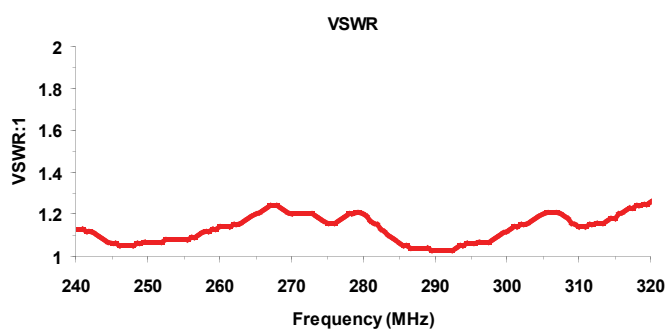
Weight	4.84 Lbs
Dimensions	H 2.793", L 15.5", W 15.5"
Finish	Tan -painted
Connector	TNC Jack

Environmental

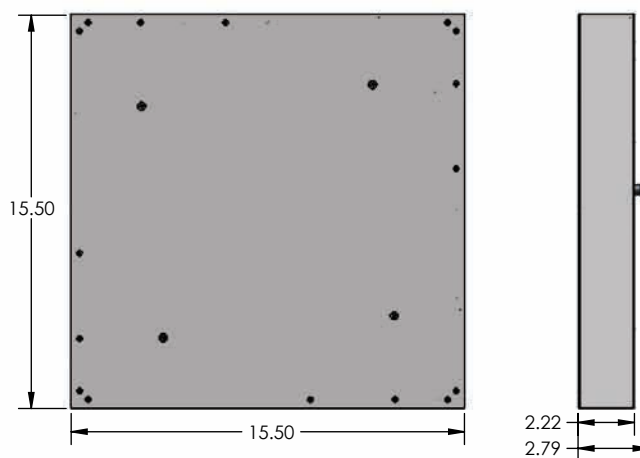
Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Temperature	-35° C to + 85° C



Radiation Pattern



Physical Details



Custom Antenna Design, Manufacturing, and Testing