



L3HARRIS™
FAST. FORWARD.

CA-3124, AS-2809/SRC BROADBAND VERTICAL DIPOLE ANTENNA

Model CA-3124 is a broadband, base-mounted dipole antenna, which provides vertically polarized, omnidirectional coverage over the 115–162-megahertz frequency band for power levels to 100 watts. It is a rugged, lightweight unit sealed within an epoxy fiberglass radome suitable for prolonged use in a marine shipboard environment.

The zenith pattern of the antenna is a figure-eight with maximum signal intensity along the horizon. An electrical isolating section is incorporated into the feed system to provide a balanced feed to the radiating elements and to assure large decoupling from the feed line. A direct current static drain path is provided across the feed point.

CA-3124 has been fully qualified to meet MIL-S-901C for grade A shock, MIL-STD-167, type I vibration, and all service conditions of MIL-E-16400F for class 2 equipment.

ELECTRICAL	
Frequency range	115-162 MHz
VSWR	2.0:1 max
Gain	2 dBi
Impedance	50 ohms
Polarization	Vertical
Azimuth coverage	Omnidirectional within ± 1 dB
Zenith coverage	Figure-eight dipole with maximum at horizon
Power handling	100 W average
MECHANICAL	
Connector	Type N receptacle
Weight	7.50 lbs
Finish	Gray enamel



KEY FEATURES

- > Broadband very high frequency coverage
- > Vertical polarization
- > Radiation pattern centered at the horizon
- > Shipboard applications

For further details and specifications, contact the factory at antenna.info@L3Harris.com

CA-3124, AS-2809/SRC Broadband Vertical Dipole Antenna

© 2021 L3Harris Technologies, Inc. | 12/2021 | 61685 | EC

Nonexport-controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



L3HARRIS™
FAST. FORWARD.

1025 W. NASA Boulevard
Melbourne, FL 32919