



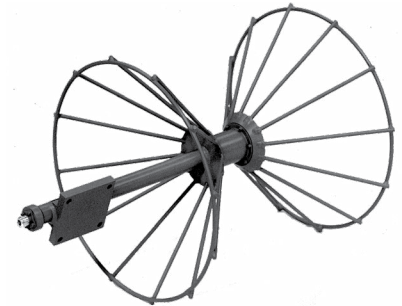
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CA-3080 AS-2812/SRC OMNIDIRECTIONAL VERTICAL DIPOLE ANTENNA

Model CA-3080 is a small, broadband antenna for general purpose use in the 200-1,000-megahertz band. It provides omnidirectional, vertically polarized coverage over the entire frequency range without tuning. It is intended for shipboard and other similar applications where rugged, reliable design is necessary. The input impedance is 50 ohms and the voltage standing wave ratio (VSWR) is less than 2.5:1.

All major components of the radiating and support structures are aluminum. The central feed section is protected and weatherproofed with an epoxy fiberglass cover. It is designed to comply with MIL-E-16400F, class 2.

ELECTRICAL	
Frequency range	200-1,000 MHz
VSWR	2.5:1
Impedance	50 ohms
Polarization	Vertical
Azimuth coverage	Omnidirectional
Zenith coverage	Figure-eight dipole pattern
Power handling	250 W
MECHANICAL	
Input connector	Type N receptacle
Height	
Radiator	16 in
Overall	24 in
Diameter	15.75 in max
Mounting	Square 3.75 x 3.75 in. plate with four 0.31 in dia. holes
Weight	6 lbs
Finish	Gray epoxy polyamide
ENVIRONMENTAL	
Vibration	MIL-STD-167, type 1
Shock	MIL-S-901C, grade A
Service	MIL-E-16400F, class 2



KEY FEATURES

- > 200-1,000-megahertz broadband dipole antenna
- > High power
- > Shipboard applications
- > Lightweight

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

CA-3080 AS-2812/SRC Omnidirectional Vertical Dipole Antenna

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Nonexport-controlled Information

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