

SB-2800 Broadband Vertical Dipole Antenna

Features

- **Broadband**
- **High reliability**
- **Shipboard applications**
- **Weatherproof**

Detailed Description

The DB-2800 Dipole Antenna is a vertically polarized broadband antenna covering the frequency range of 225 MHz to 400 MHz. This lightweight antenna can be used in the ship's transmitting/receiving mode.

SB-2800 View Quick Reference Data

<i>Name:</i>	<i>Broadband Vertical Dipole Antenna</i>
<i>Category:</i>	<i>UHF Antennas</i>
<i>Photo(s):</i>	<i>SB-2800</i>
<i>Height:</i>	<i>28 inches (71.1 cm) (repeated below)</i>
<i>Frequency Range:</i>	<i>225 MHz to 400 MHz - for antennas (repeated below)</i>
<i>Features:</i>	<i>* Broadband</i> <ul style="list-style-type: none">• <i>High reliability</i>• <i>Shipboard applications</i>• <i>Weatherproof</i>



Description:

The AS-2810B/SRC Dipole Antenna is a vertically polarized broadband antenna covering the frequency range of 225 MHz to 400 MHz. this light weight antenna can be used in the ship's transmitting/receiving mode.

Notes:

- 1. Do not use lead base paint to touch-up or repaint antenna.*
- 2. Specifications subject to change without notice.*

Technical Manual:

SB-2800 Manual

Electrical Characteristics

<i>Frequency Range:</i>	<i>225 MHz to 400 MHz</i>
<i>Polarization:</i>	<i>Vertical</i>
<i>Power Rating:</i>	<i>500 W average</i>
<i>Azimuth Coverage:</i>	<i>Omni-directional within ± 1 db</i>
<i>Impedance:</i>	<i>50 Ohms</i>
<i>VSWR:</i>	<i>2.5:1 maximum</i>
<i>Gain:</i>	<i>2 decibels</i>
<i>Input Connection:</i>	<i>N type receptacle</i>

Mechanical Characteristics

Height / Length:	28 in (71.1 cm)
Base Diameter:	5.25 in (13.3 cm)
Radome Diameter:	3.25 in (8.25 cm)
Weight:	5.5 (± .5) Lbs. (2.47 kg ± .22 kg)
Centre of Gravity:	12.25 in (31.1 cm)
Radome Material:	Epoxy Fibreglass
Base Flange:	Aluminium
Finish:	Gray epoxy polyamide

Environmental Characteristics

Temperature:	-60°F to 150°F (-50°C to 65°C)
Humidity:	MIL-STD-810E, Procedure III
Vibration:	MIL-STD-167-1 Type 1
Shock:	MIL-S-901C Grade A

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