

**Part No 0200501**

**Model: Shakespeare 229-B**

## 11-7Mtr 2-30MHz Ship Board HF Antenna

The 0200501 antenna is constructed entirely of corrosion resistant, non-ferrous materials, ideally suited to shipboard and fixed station applications requiring non-magnetic antennas. The top section is made with parallel beryllium copper ribbon, embedded in fiberglass for maximum tip capacitance. The lower half of the antenna employs tubular copper conductors secured in the center of the tapered fiberglass with polyurethane foam and termination in a fiberglass mounting flange.

### Application

Shipboard and fixed station applications requiring non-magnetic antennas

### Features

- ✓ Entire antenna is non-magnetic
- ✓ Two-section construction
- ✓ Reinforced fibreglass base mounting flange
- ✓ Parallel-fibre fibreglass construction controls droop

### Specifications

<b>Frequency:</b>	1.6 - 30 MHz, down to 200 KHz with power reduced
<b>Power:</b>	1 kW (avg.) bottom feed
<b>Polarization:</b>	Vertical
<b>Wind Rating:</b>	240 kph
<b>Operating Temp.:</b>	-50° C to +65° C
<b>Mounting:</b>	US Navy/Coast Guard Standard – 8ea 11/16" mtg holes equally spaced on a 10 3/4" dia.
<b>Colour:</b>	Black
<b>Construction:</b>	Fiberglass process; non-magnetic materials
<b>Shunt Capacitance at Base:</b>	15 pF
<b>Bottom Electrical Feed Point:</b>	Tapped 1/4"-20 female 1/2" deep. Screw, terminal lug and corona shield supplied
<b>Corona Ball:</b>	Acrylic coated brass
<b>Conductors:</b>	Copper alloys
<b>Fittings</b>	Center fitting: Silicon bronze materials
<b>Flange:</b>	Max. Dia. 343mm Material: Reinforced fiberglass
<b>Base Flash Over:</b>	25,000 volts
<b>Length:</b>	10.67 metres
<b>Center of Gravity:</b>	CG=3632mm above deck position
<b>Net Weight:</b>	91 kg
<b>Shipping Weight</b>	134 kg

### Warranty

12 months (Please refer to [Benelec Terms & Conditions](#))

