

**Technical Specification**  
**200-250 MHz 2.5dBd Gain**

**ED220-1**  
**FOLDED DIPOLE**

**Reliable Performance:** Rated at 250 watts and 2.5dBd gain, you can expect years of continuous service. Available in either 1/4 wave - **A** or 1/2 wave - **B** configurations.

**Rugged Construction:** The radiating elements are black anodized and the mast is epoxy powder coated heavywall aluminum.

**Weatherproof:** The feed line harness is contained inside the mast.

**Lightweight:** These antennas are lightweight at less than 10 lbs. but are designed to withstand winds of 150 MPH.

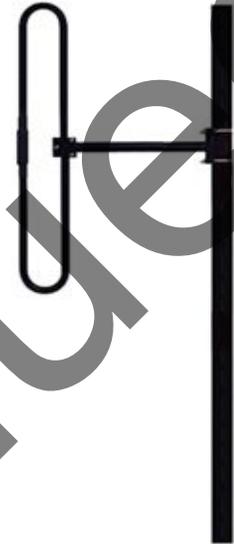
**Simple installation:** Various types of mounting hardware such as tower standoffs and BSLMNT2s are available but should be ordered separately.

**ELECTRICAL SPECIFICATIONS:**

**FREQUENCY:** 200-250MHz  
**GAIN:** 2.5 dBd  
**VSWR:** <1.5:1  
**BANDWIDTH:** 50 MHz  
**POWER RATING:** 250 watts  
**IMPEDANCE:** 50 ohms  
**VERT BEAMWIDTH:** 70°  
**PROTECTION:** DC Ground

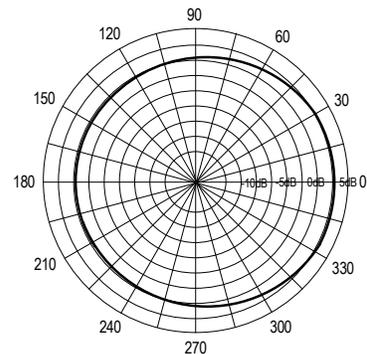
**MECHANICAL SPECIFICATIONS:**

**MAST DIAMETER:** 1.9"  
**TERMINATION:** Male N standard  
**LENGTH:** 60"  
**WIDTH:** 25"  
**WEIGHT:** 10 lbs.  
**FLAT PLATE AREA:** .5 ft<sup>2</sup>  
**WIND RATING:** 150 MPH  
**WIND LOAD:** 35 lbs.

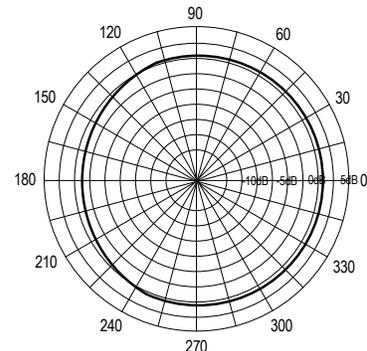


**HORIZONTAL PATTERNS**

**1/4 WAVE**



**1/2 WAVE**



**VERTICAL PATTERN**

