

# EDX150

## EXPOSED DIPOLE

# EXPOSED FOLDED DIPOLE ANTENNA

### PRODUCT OVERVIEW

**Reliable Performance:** Rated at 250 watts and 2.5dB gain, you can expect years of continuous service.

**Rugged Construction:** The radiating elements are constructed of copper & copper alloy. They are encased in a fiberglass radome for total environmental protection.

**Weatherproof:** The fiberglass radome is ultraviolet inhibited. The heavy wall aluminum mounting sleeve is epoxy coated for superior weather protection.

**Lightweight:** These antennas are lightweight at less than 7 lbs. but are designed to easily withstand winds of over 150 MPH.

**Simple installation:** It is easily designed to mount on a 1.9" (4.7cm) diameter (aluminum Schedule 40) mast which is not supplied.



### EDX150 ELECTRICAL SPECIFICATIONS

Frequency	150 - 174 MHz
Gain	2.5 dB
VSWR	<1.5:1
Bandwidth	50 MHz
Power Rating	250 Watts
Impedance	50 OHms
Mast Diameter	1.9" (4.7cm)
Vertical Beambwidth	70 degrees
Protection	DC Ground

### EDX150 MECHANICAL SPECIFICATIONS

Mast Diameter	1.9" (4.7cm)
Termination	Male N Standard
Length	35" (89cm)
Width	28" (71cm)
Cable Length	5" (1.5m)
Weight	7 lbs (3.1kg)
Flat Plate Area	.6 ft <sup>2</sup>
Wind Rating	150 MPH (241kph)
Wind Load	35 lbs (15.8kg)