

VHF EXPOSED DIPOLE / 832 - 70 SERIES

3.0/6.0 dBd / 148 - 174 MHz

PRODUCT SPECIFICATIONS

KEY FEATURES :

- > The 832 - 70 VHF Exposed Dipoles series is available in 2 and 4 dipole configurations. Low VSWR version, with maximum gain over specified frequency.
- > The 830 series has an external cabling with waterproof sealed junctions and fixed dipole-mast spacing.
- > These antennas have an adjustable pattern for Omnidirectional or offset coverage.

ELECTRICAL SPECIFICATIONS :

Frequency Range, MHz	148-174
Nominal Gain, dBd	3.0/6.0
Number of Dipoles	2
Bandwidth: 2:1 VSWR, MHz	14
Polarization	Vertical
Pattern	Omni or Bi-Dir.
Power Rating, Watts	500
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type N Male

MECHANICAL SPECIFICATIONS :

Length, in (mm)	120 (3048)
Width, in (mm)	9 (229)
Weight, lbs (kg)	12 (5.5)
Rated Wind Velocity: no ice, mph (km/h)	125 (201)
Rated Wind Velocity: 0.5" (13 mm) ice, mph (km/h)	90 (145)
Lateral Thrust @ 100 mph wind lbs (N)	45 (200)
Bending Moment @ Top Clamp: 100 mph, lb*ft (N*m)	150 (203)
Projected Area ft ² (m ²)	1.7 (0.16)
Mounting Information	107-85 clamp set

ORDER INFORMATION :

	148-162 MHz	160-174 MHz
832-70	832-70*1	832-70*2
834-70	834-70*1	834-70*2

