



STACKED FOLDED DIPOLE OMNI DIRECTIONAL ANTENNA

117.9-137 MHz

5 dbi (omni)

General:

The Stacked Dipole Antenna is made of made of aluminum of the highest quality. Powder coating the entire antenna gives further corrosion protection in coastal areas with saltwater conditions. Aero/aviation band antennas function with constant VSWR and maintain high efficiency over a maintenance-free projected life of 10 years or more thanks to sealed active dipole and balun connections. The Stacked Dipole Antenna has a zero percent failure rate over its 10-year life expectancy

The antenna is designed to operate at D.C. ground.



ELECTRICAL DATA

Frequency Range (MHz)	117.9 - 137
Gain (dBi)	5 dbi
Bandwidth (MHz.)	Complete Span 20
Polarization	Vertical
Input Impedance (Ohms)	50

Radition Pattern	Omni
VSWR	1.5:1
Input Termination	N-Female
RF Power Handling Capacity (Watts)	500
Beam Width 3db	80degree vertical
Lightning protection	Direct ground

MECHANICAL DATA

Materials	Aluminum
Mounting HW	Stainless
Weight (Kg)	9kg
Wind Rating (KMPH)	180
Dipoles Aluminum O.D (mm)	12.5
Radome Material	PVC
Overall Length (Meters)	3.5
Maximum Mount Pipe Diameter	50-52 mm

- Please Note:**
1. Specifications are subject to change without any notice.
 2. Customized in-band and out of band versions are available on request.

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