



ANTENNA EXPERTS

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Model AG-75

66 - 88 MHz.

Unity Gain

GROUND PLANE ANTENNA

Design Features: AG-75 Ground Plane Antenna is rugged all weather model, uses high class chrome plated Brass and does not require any field tuning. The ground plane antenna when packed comes with ground radials removed from the antenna body for ease of packing and transportation.

Constructions: The all Brass ground plane antenna prevents formation of "Signal Cells", thereby eliminating intermodulation with in the antenna. AG-75 ground plane antenna is specially designed for Omni directional requirements, broadband for base station. Antenna termination and feed cable lie enclosed inside the mounting pipe for complete weather protection.

ELECTRICAL SPECIFICATIONS

Frequency Range	66 - 88 MHz.
Gain	Unity
Bandwidth	5 MHz.
Input Impedance	50 Ohms
Radiation Pattern	Omni Directional
Beamwidth -3dB.	72 Degrees
VSWR	1.5 : 1
RF Power Handling Capacity	500 Watts
Input Termination	N-Female

MECHANICAL SPECIFICATIONS

Material	All Brass
Mounting Hardware	Stainless Steel
Canopy	Nylon
Weight	3.5 Kgs.
Wind Rating	200 Km/Hr.
Shipping Length	1.2 Meters
Support Pipe Material	Powder Coated MS
Radiating Material	Brass
Maximum Mount Pipe Diameter	52 mm (2 Inches)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	(-) 30 to +70 Degrees Celsius
Storage Temperature	(-) 40 to +80 Degrees Celsius
Humidity	0 to 95% RH