



ANTENNA EXPERTS

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Model JD-500800 500 – 800 MHz. 2.5 dBi. Gain

JAMMER DISCONE ANTENNA

Design Features : The JD-500800 Jammer Discone Antenna is rugged all weather model, uses all brass elements and does not require any field tuning or adjustments. This jammer discone antenna is specially designed to mount the discone antenna on the roof top hole of the vehicle or can be mounted on the vertical pole with additional mounting hardware.

Constructions: The Discone antenna when packed, comes with Cone and Disc elements removed from the antenna body for ease of packing and shipment. Discone Antenna termination and feed cable lie enclosed inside the mounting pipe for complete weather protection. This discone antenna has smooth VSWR and constant Gain over the 500 - 800 MHz frequency band.



ELECTRICAL SPECIFICATIONS	
Frequency Range	500 - 800 MHz.
Gain	2.5 dBi.
Bandwidth	Entire Band
Polarization	Vertical
Input Impedance	50 Ohms
Radiation Pattern	Omni-directional
Beamwidth 3db	78 Degrees Vertical
VSWR	1:1.5
RF Power Handling Capacity	500 Watts
Input Termination	N-Female

MECHANICAL SPECIFICATIONS	
Mounting HW	Stainless Steel
Wind Rating	200 Km/Hr.
Overall Length	210 mm
Shipping Length	220 mm
Support Pipe Material	Aluminum
Insulator Material	Teflon & Nylon
Radiating Elements - Material	All Brass
Gross Weight	1.2 Kgs.

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