



ANTENNA EXPERTS

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Model JD-500-800

500 – 800 MHz.

2.5 dBi. Gain

JAMMER DISCONE ANTENNA

DESIGN FEATURES: The JD-500-800 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. The antenna is also suitable for man-pack application.

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
Vertical Beam-width –Half Power Points	78 Degrees
VSWR	1:1.5
RF Power Handling Capacity	500 Watts
Input Termination	N-Female

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

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