



ANTENNA EXPERTS

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Model JD-1018

1000 – 1800 MHz.

2.5 dBi. Gain

JAMMER DISCONE ANTENNA

DESIGN FEATURES: The JD-1018 Jammer Discone Antenna is rugged all weather model, enclosed in a Fiber Glass radome, 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 jammer discone antenna is supplied complete in assembled condition. This discone antenna has smooth VSWR and constant Gain over the 1000 - 1800 MHz frequency band. The JD-1018 jammer discone antenna consists of all brass radiating elements and enclosed in fiberglass housing. The Fiber Glass has excellent transparency for Radio Signal and mechanically Robust to support extra mechanical strength to the discone antenna.



ELECTRICAL SPECIFICATIONS:

Frequency Range	1000 - 1800 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	2:1
RF Power Handling Capacity	500 Watts.
Input Termination	N-Female

MECHANICAL SPECIFICATIONS:

Wind Rating	200 Km/Hr.
Mounting Type	Roof Top Hole or side Pole
Overall Length	180 mm
Shipping Length	200 mm
Support Pipe Materials	Aluminum
Insulator Materials	Teflon & Nylon
Enclosure Materials	Fiberglass
Enclosure Outer diameters	60 mm
Radiating Elements - Materials	All Brass
Gross Weight	1 Kg.

ENVIRONMENTAL SPECIFICATIONS:

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