

Product Data



Part Number : AE-JD-0820

Description : Omni Directional Jammer Discone Antenna

The AE-JD-0820 Jammer Discone Antenna is a rugged all weather model, enclosed in an ABS radome, uses all ultra-corrosion resistant aluminium alloy does not require any field tuning or adjustments. The compact size of the omni-directional antenna allows easy handling, shipping and is highly suitable for transmitting & receiving without having the requirement of multiple antennas. The cylindrical enclosure is used for low wind loading and for minimal effect of ice formation on the antenna operation as well as providing an aesthetically pleasing appearance.

The jammer discone antenna is supplied complete in assembled condition. This discone antenna has smooth VSWR and constant gain over the 800-2000 MHz frequency band. The AE-JD-0820 jammer discone antenna consists of ultra-corrosion resistant radiating elements and is enclosed in ABS housing. The ABS has excellent transparency for radio signals and is mechanically robust to support extra mechanical strength to the discone antenna.

Specifications

Frequency	800-2000 MHz
Gain	2.5dBi typical
Band Width	Full 800-2000 MHz
Polarisation	Vertical
Impedance	50 Ohms
Horizontal Beam Width	Omni-Directional
Vertical, Half Power Points	78 Degrees
VSWR	<2:1
RF Power	500 Watts
Connector	7/16 DIN Female
Wind Rating	200 KM/H
Mounting	Roof Hole 16mm, Man-pack or Pole (32-51mm) Mount
Overall Length	180mm
Shipping Dimensions	330 x 280 x 140mm
Support Pipe Material	Aluminium
Insulator Material	Nylon & Teflon
Radome	Fibreglass Outer Dimension 60mm
Radiating Element	All Brass
Gross Weight	1.0 Kg
Operating Temperature	-30 to + 70 Degrees C
Storage Temperature	-40 to +80 Degrees C
Humidity	0 to 95% RH, IP55 Rated, IP65 Available on special request.

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