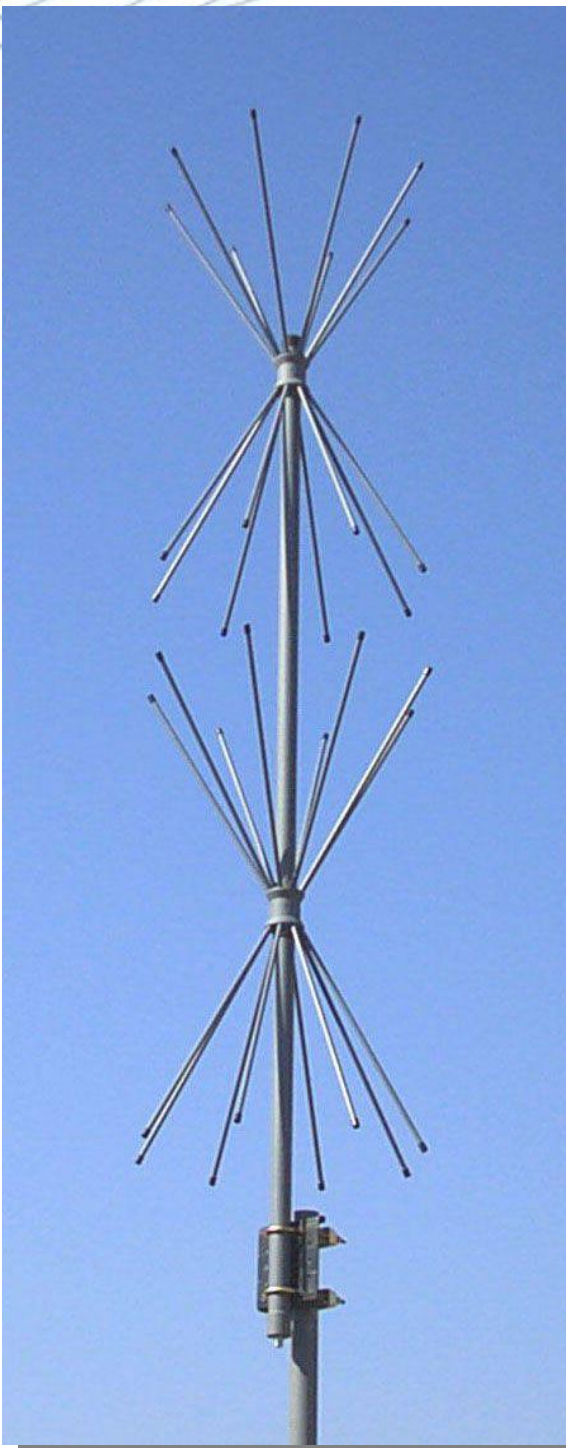


Wideband, High Gain Dual Bi-Conical Antenna



The RDB108-420 is a wideband, high gain transmit/receive antenna covering the frequency range 108-420MHz. The stacked design provides the wideband characteristic of a traditional bi-conical, with the benefit of higher gain.

Designed for general purpose base station ground to ground and ground to air (e.g. Air Traffic Control) applications and general V/UHF communications links.

Owing to its wideband, high gain characteristics, the RDB108-420 is also ideal for spectrum monitoring and jamming applications.

Constructed of durable, high strength composite material and epoxy finished aluminium, the RDB108-420 will provide many years of service in harsh environmental conditions.

Specifications

Frequency Range:	108-420Mhz
VSWR:	<2:1 over 90%, max. 2.5:1
Input Power:	100W CW (Optional 400W)
Input Impedance:	50 Ohm nominal
Radiation Pattern:	Omni-directional
Polarization:	Vertical
Gain:	3-6dBi
Input Connector:	N Female

Deployed Height:	2.36M
Deployed Diameter:	0.55M
Weight:	5Kg
Packed Length:	2M

Environmental:	MIL-STD-810F
Wind survival:	160Km/h

Standard or custom mounting adaptors/options available for various mounting methods.