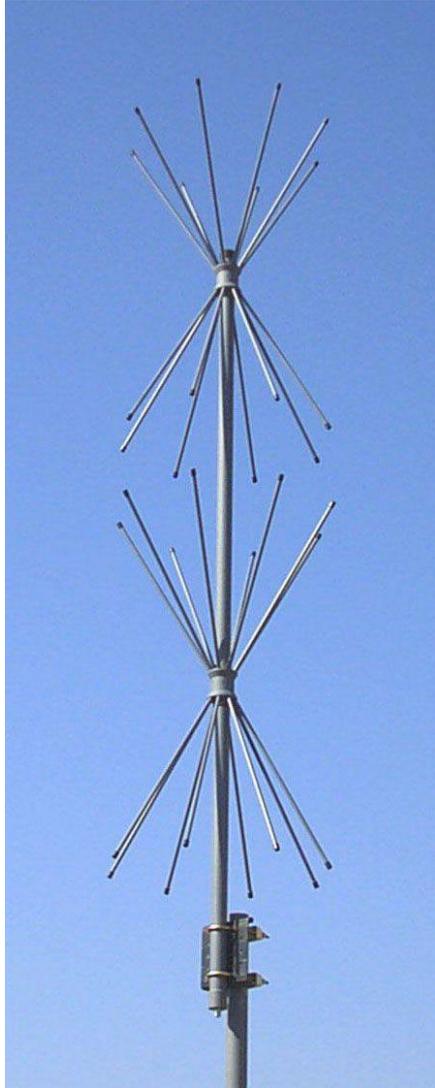


# Wideband, High Gain Dual Bi-Conical Antenna

108 – 420 MHz

VERSION: 1.1

Product Code: RDB108-420



## SPECIFICATIONS:

### Electrical:

Frequency range	108 – 420 MHz
Gain	3 dBi – 6 dBi
VSWR	< 2:1 over 90%, max. 2.5:1
Power input	100 CW (optional 400 W)
Polarisation	Vertical
Radiation pattern	Omni-directional
Nominal input impedance	50 Ω
Connectors	N-female

### Mechanical:

Dimensions:	
Deployed height	2.36 m
Deployed diameter	0.55 m
Packed length	2 m

### Environmental: designed to meet the following specifications

Designed to meet MIL-STD-810F	
Wind survival	160 Km/h

## PRODUCT DESCRIPTION:

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

Designed for the general purpose base station ground-to-ground and ground-to-air (e.g. air traffic control) application and general V/UHF communications links.

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

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

## PRODUCT FEATURES:

- Wideband (108 to 420 MHz)
- High gain
- Durable

## APPLICATIONS:

- V/UHF communications
- General base station

\*Please specify colour on order.

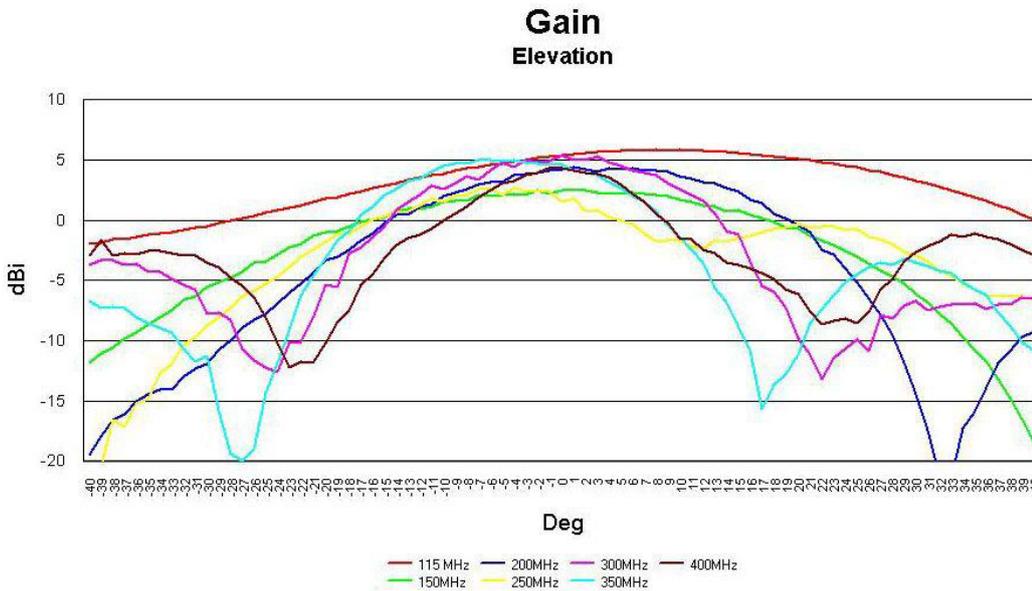
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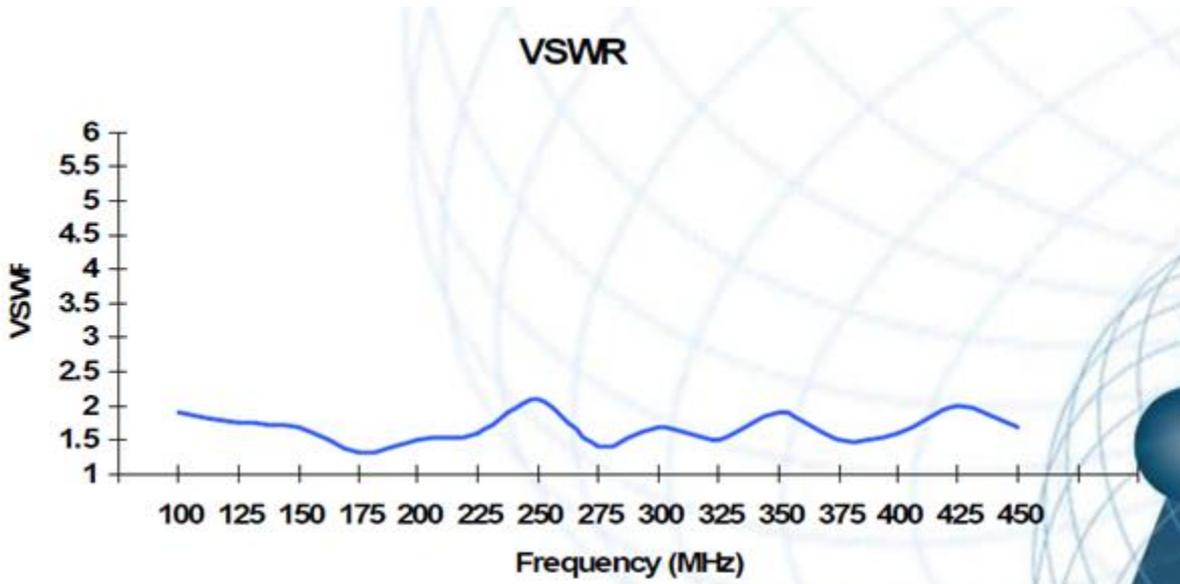
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GAIN:



VSWR:



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GAIN THE ADVANTAGE