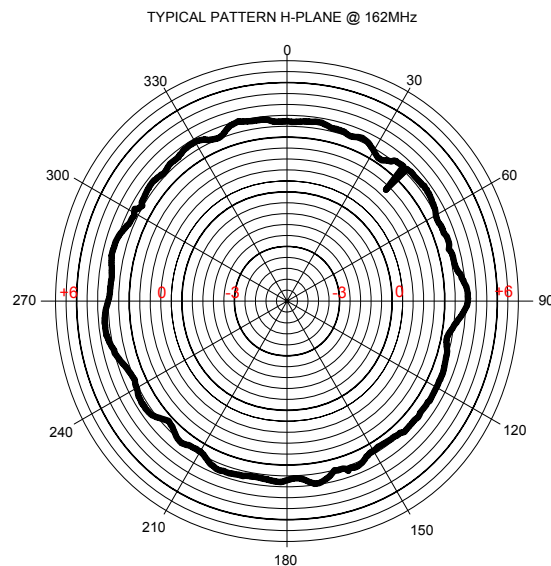
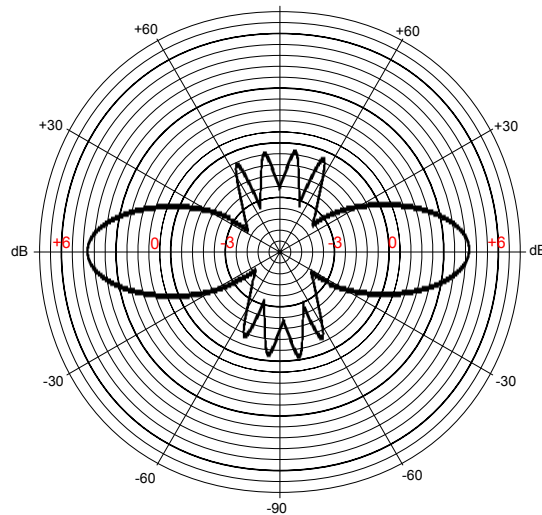




PRODUCT PICTURE



TYPICAL PATTERN E-PLANE+90 @ 162MHz



RADIATING PATTERNS

Polarisation / Polar Radiation	Vertical / Omni-directional
Frequency	Tuned a required points from 140MHz to 220MHz
Gain	4dB
VSWR	< 1.5:1 (at resonant point)
Bandwidth	7MHz (+/-)
Impedance	50 Ohms
Cable / Connector	1m RG213 / N Type Male
Power Rating	150w (Max.)
Element / Tube / Sealing Base	Solid Brass / GRP Sealed with Epoxy Resin / Aluminium
Operational Temperature	-40°c to +85°
Overall Length	1600mm
Weight	1.12kg
Protection	IP66
Rated Wind Resistance	190KM

TECHNICAL SPECIFICATION

The bloomice CAT-C-VHF is a 4dB high gain stacked collinear, end fed rugged antenna suitable for Digital PMR and PMR applications. The solid brass radiating elements are embedded within an RF grade polyurethane foam to ensure excellent long term stability.

These are then encapsulated within a robust conical GRP UV stable, low wind load, marine grade, waterproof tube which guarantees long term performance excellence.

The bloomice CAT-C-VHF antenna is supplied with a selection of mounting brackets that facilitate mounting on to a pole, rail, wall or bulkhead.

All metallic elements within the core structure of the antenna are DC grounded to ensure extraneous noise levels caused by atmospheric changes are appropriately dissipated.

The bloomice CAT-C-VHF antenna has excellent bandwidth and VWSR characteristics. It is supplied perfectly tuned to a spot frequency at any point between 140MHz and 220MHz.

PRODUCT FEATURES