

DATASHEET

PART NO: ANT425

Multi-Band Mobile 5G 6dB Cellular Antenna

The ANT425 antenna is a multi-band mobile 5G ready cellular antenna intended for use in the frequency bands 690 – 960 MHz, 1710 – 2700 MHz and 3500 – 3700 MHz. The ANT425 antenna does away with the need for three separate antennas whilst maintaining high gain across the band. The antenna utilizes a low loss cable lead directly attached to the antenna which allows for ease of installation. The antenna is light weight, enclosed in a thick-walled fiberglass radome and is fitted to a stainless steel spring.

APPLICATIONS

- Mobile and cellular communications
- Cellular Repeaters
- Multi-band base station

TUNING

Factory tuned; no further tuning required

FEATURES

- Multi-Band performance
- Easy to install
- Fiberglass and thick-walled radome
- Light weight
- Plated heavy duty barrel stainless steel spring
- Designed and manufactured in Australia

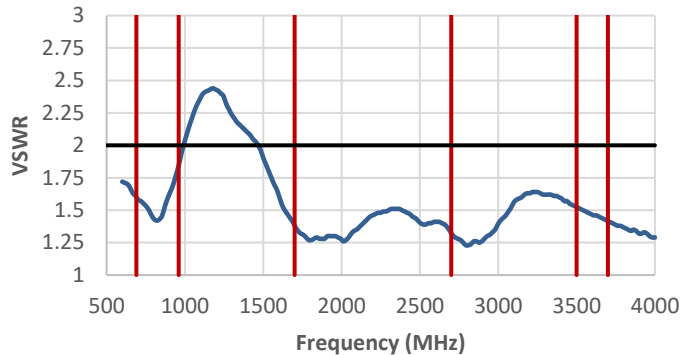
OPTIONAL MOUNTINGS

- 02726S Gutter Grip All Stainless-Steel Construction
- 02728 Mirror Bracket Stainless Steel
- 027291 Stainless Steel "L" Bracket
- 02730 Right-Angle Stainless-Steel Bull Bar Bracket
- 027303 Adjustable Tilt Lip Mount
- 02732 Extra H/Duty Stainless Steel Bull Bar Bracket
- 02734 Stainless Steel "Z" Bracket
- 02714S Slope-Adjustable Gutter Grip
- 027313 (45mm/1.8"), 027314 (50mm/2") } Wrap Around
- 027315 (63mm/2.5"), 027316 (76mm/3") } BB brackets
- 027423 Mag Base Kit SUPER SUCKER

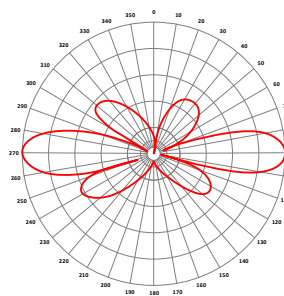
SPECIFICATIONS

Frequency	690 – 960 MHz Tuned Bandwidth 270 MHz 1710 – 2700 MHz Tuned Bandwidth 990 MHz 3500 – 3700 MHz Tuned Bandwidth 200 MHz
Gain	6 dBi (690 – 960 MHz) 3 dBi (1710 – 2700 MHz) 3 dBi (3500 – 3700 MHz)
Impedance	50 Ohm
VSWR	< 2:1
Radiation Pattern	Omni-directional
E Plane 3dB Beamwidth	20 deg
Length	905 mm (includes spring assembly)
Width	Fiberglass: 16 mm (0.6") Spring: 35 mm (1.4")
Weight	0.75 kg (1.65 lbs)
Termination	SMA Plug, 5 m (16') RG58 Cable Tail (05603)
Construction	Fiberglass Radome, Black Coated Stainless Steel Spring

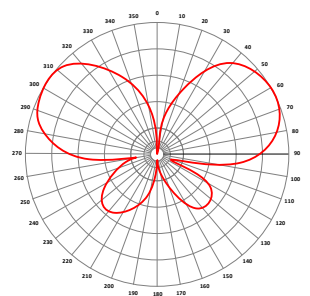
VSWR



RADIATION PATTERNS



E Plane 896 MHz



E Plane 1900 MHz

PACKAGING

Cyan PVC Bag, one antenna per bag, Size: 134 mm (W) x 1000 mm (L) (5.3" x 39.4")
Gross Weight: 0.76 Kg (1.9 lbs)

Carton, 12pcs per carton,
Size: 1000 mm (L) x 200 mm (W) x 200 (D) mm (40" x 8" x 8"),
Gross Weight: 10 Kg (22 lbs)

905mm

