

DATASHEET

Multi-Band Mobile 5G 6dB Removable Cellular Antenna

The 024575R antenna is a multi-band mobile 5G ready removable cellular antenna intended for use in the frequency bands 690 – 960 MHz, 1710 – 2700 MHz and 3500 – 3700 MHz. The 024575R antenna does away with the need for three separate antennas whilst maintaining medium gain across the band 690-960 MHz. The antenna is light weight, enclosed in a thick-walled fiberglass radom and comes with a removable cable spring assembly.

APPLICATIONS

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

TUNING

Factory tuned; no further tuning required.

FEATURES

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

OPTIONAL MOUNTINGS

- 027265 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
- 027145 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

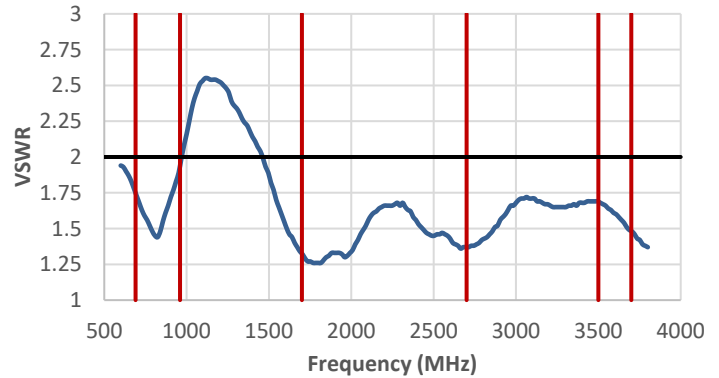
SPECIFICATIONS

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	0.81 kg (1.79 lbs)
Termination	SMA Plug, 5 m (16') RG58 Cable Tail (05603)
Construction	Fiberglass Radom, Black Coated Stainless-Steel Spring and Brass Ferrule

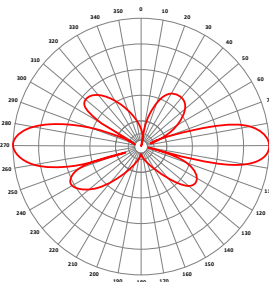
905mm



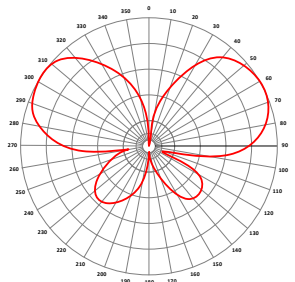
VSWR



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: 0.95 Kg (2.1 lbs)

Carton, 20pcs per carton,
Size: 980 mm (L) x 220 mm (W) x 180 (D) mm (40" x 8" x 8"),
Gross Weight: 16.15 Kg (35.6 lbs)

WARRANTY

3 years (Please refer to [Benelec Terms & Conditions](#))