

## DATASHEET

### Cellular 5G 7.5dB Mobile Antenna

PART NO: **024579**

The 024579 antenna is multi-band 5G ready cellular antenna intended for use in frequency bands 690 – 960 MHz, 1710 – 2700 MHz and 3500 – 3700 MHz. The 024579 antenna does away with the need for three separate antennas whilst maintaining high gain across the band 690-960 MHz. 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

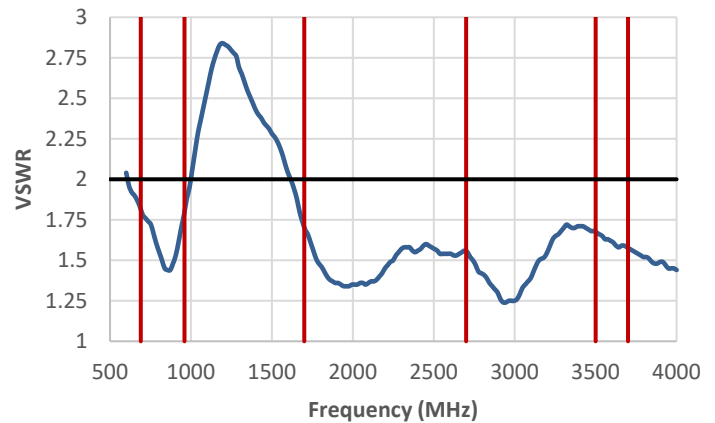
#### OPTIONAL MOUNTINGS

- 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
- 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

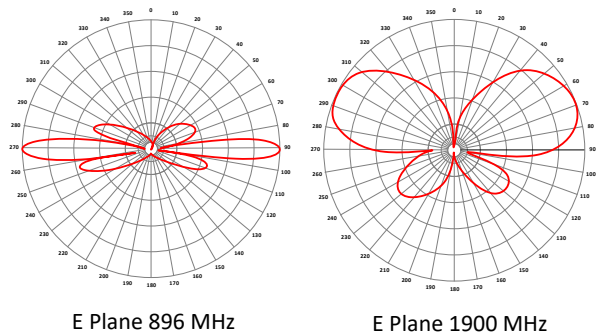
#### SPECIFICATIONS

Frequency	690 – 960 MHz Tuned Bandwidth 270 MHz 1710 – 2700 MHz Tuned Bandwidth 990 MHz 3500 – 3700 MHz Tuned Bandwidth 200 MHz
Gain	7.5 dBi (690 – 960 MHz) 3 dBi (1710 – 2700 MHz) 3 dBi (3500 – 3700 MHz)
Impedance	50 Ω
Operating VSWR	< 2:1
Radiation Pattern	Omni Directional
E Plane 3dB Beamwidth	14 Deg @ 690-960MHz
Length	1220mm (includes spring assembly)
Width	Fiberglass: 16mm (0.6") Spring: 35mm (1.4")
Weight	0.80 kg (1.8 lbs)
Termination	SMA Plug, 5m (16.4' Low Loss RG58 Cable Tail (05603)
Construction	Fibreglass Radome, Black Coated Stainless-Steel Spring

#### VSWR



#### RADIATION PATTERNS



#### PACKAGING

Cyan PVC Bag, one antenna per pack, Size:134 mm (W) x 1300 mm (L) (5.3" x 51"), Gross Weight: 0.95 Kg (2.1 lbs)

Carton, 20pcs per carton, Size: 1350 mm x 220 mm x 220mm (43" x 8" x 8"), Gross Weight: 17.6 Kg (38.8 lbs)

#### WARRANTY

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