

DATASHEET

4G MULTI-BAND MOBILE CELLULAR ANTENNA (BLACK)

MODEL: CELL 900 TWIN

The 024574 antenna is a 4G multi-band antenna intended for use in the bands 690-960MHz and 1710-2700MHz. The 024574 antenna does away with the need for many separate antennas whilst maintaining high gain across the band 690-960MHz. The antenna utilizes a low loss cable lead directly attached to the antenna which allows for ease of installation. The antenna is lightweight and is fitted to a Stainless Steel spring.

APPLICATIONS

Mobile 4G Multi-band, lightweight mobile station.

TUNING

Factory tuned, no further tuning required.

FEATURES

- 4G Multi-Band performance
- 6.0 dBi Gain @ 690 – 960 MHz
- 3.0 dBi Gain @ 1710 – 2700 MHz
- Easy to install
- Fiberglass & thick walled Radome
- Lightweight
- Polished Barrel Stainless Steel spring
- Designed and manufactured in Australia by Benelec Pty Ltd

OPTIONAL MOUNTINGS

- 02728** Mirror Bracket
- 02730** Right Angle Stainless Steel Bull Bar Bracket
- 027303** Adjustable Tilt Lip Mount
- 02732** Extra Heavy Duty S/Steel Bull Bar Bracket
- 027321** Extra Heavy Duty S/Steel Bull Bar Bracket-Lrg
- 02734** Stainless Steel "Z" Bracket
- 02714S** Slope-Adjustable Gutter Grip
- 027423** Universal Suction Mag Base
- 027313-027316** WrapAround S/S BullBar brackets 45, 50, 63, 76mm

PACKAGING

Cardboard Tube, one antenna per tube, 55 x 55 x 920 mm, G.W.: 0.75 kg
10 tubes per carton, 1100 x 210 x 200 mm, G.W.: 9.2 kg

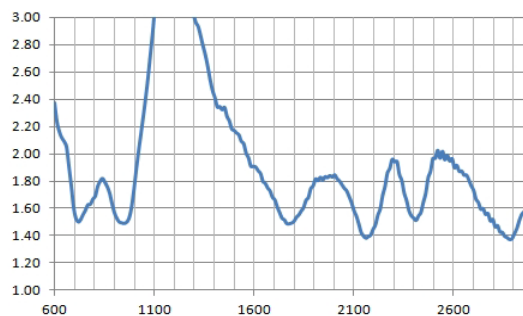
WARRANTY

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

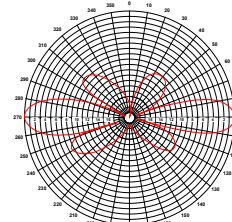
SPECIFICATIONS

Frequency	@ 690 – 960 MHz Tuned Bandwidth 270 MHz @ 1710 – 2700 MHz Tuned Bandwidth 990 MHz
Gain	6.0 dBi @ 690 – 960 MHz & 3.0 dBi @ 1700 – 2700 MHz
Impedance	50 Ω
Operating VSWR	2.0:1
Radiation Pattern	Omni Directional
E Plane Beamwidth	20 Deg @ 690 – 960 MHz
Length	0.890 M (includes spring assembly)
Width	Fiberglass: 16 mm, Spring: 35 mm
Weight	0.75 kg
Termination	FME Socket ** 5M LL195 Cable Tail
Construction	Fiberglass Radome, S/Steel Spring with Nickel Plated Brass Fitting

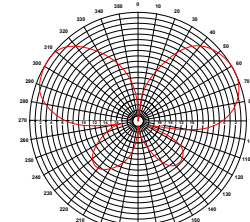
VSWR



RADIATION PATTERN



E Plane 896 MHz



E Plane 1900 MHz

OPTIONAL FME ADAPTORS **

- 04911** TNCp adaptor
- 04912** mini-UHFp adaptor
- 04913** Np adaptor
- 04914** UHFp adaptor
- 04915** BNCp adaptor
- 04916** SMAp adaptor
- 04917** SMAs adaptor
- 04923** Ns adaptor

890 mm