

DATASHEET

SKU: 024573

Benelec Cellular 5G 3dBi Mobile Collinear Spring Mounted Antenna



The 024573 antenna is a multi-band mobile 5 G-ready cellular antenna intended for use in the frequency bands 690 – 960 MHz, 1710 – 2700 MHz and 3500 – 3700 MHz. The 024573 antenna eliminates the need for three separate antennas while maintaining medium 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 lightweight, enclosed in a thick-walled fiberglass radome, and fitted to a stainless-steel spring. Its reduced height allows clearance from obstacles, where the antenna must be higher on the vehicle.

APPLICATIONS

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

TUNING

Factory tuned; requires no further tuning.

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.

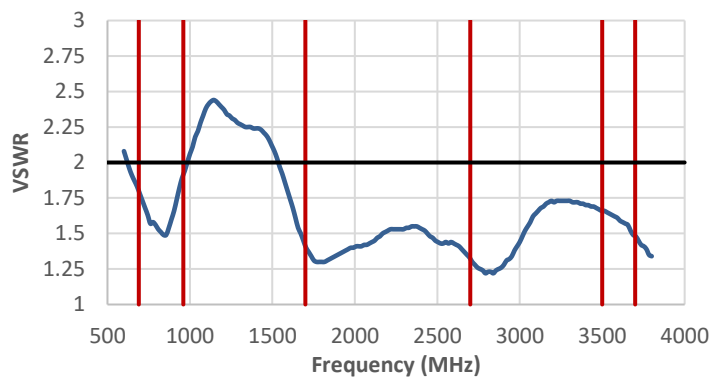
OPTIONAL MOUNTINGS

Please refer to our website for all mounting options.

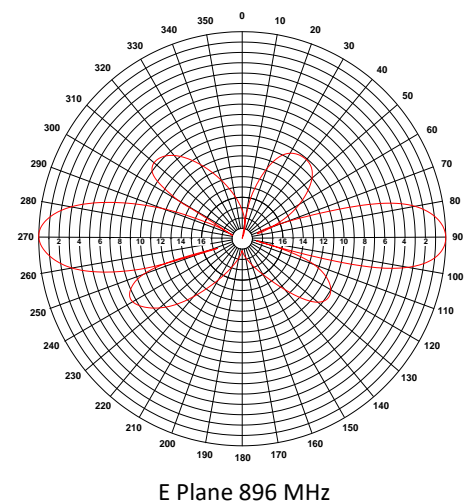
SPECIFICATIONS

Frequency	690 – 960 MHz Tuned Bandwidth 270 MHz 1710 – 2700 MHz Tuned Bandwidth 990 MHz 3500 – 3700 MHz Tuned Bandwidth 200 MHz
Gain	3 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	60 deg
Length	420 mm (includes spring assembly)
Width	Fiberglass: 16 mm (0.6") Spring: 35 mm (1.4")
Weight	0.59 kg (1.3 lbs)
Termination	SMA Plug, 5 m (16') RG58 Cable Tail (05603)
Construction	Fiberglass Radome, Black Coated Stainless-Steel Spring

TYPICAL VSWR



RADIATION PATTERN



PACKAGING

Cyan PVC bag, one antenna per bag

WARRANTY

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

Website: benelec.au