

## DATASHEET

SKU: 02638

### Benelec 4Wheeler UHF 3 & 6.5dBi Mobile Antenna Kit 477MHz

The 02638 4WHEELER is a dual antenna (3dBi/6.5dBi Gain), Ground Independent mobile antenna kit covering the UHF Citizens Radio Band. The 02638 antenna kit offer a genuine, respective, 3.0dBi and 6.5dBi of gain (over quarter wave), on the horizon at the designated frequency of operation. Each antenna covers the entire designated band of operation well under 1.5:1 VSWR. The construction of each antenna features a Black Radom, with the antenna detachable from the mounting spring, offering protection against antenna theft.

#### APPLICATIONS

Mobile coverage for the UHF Citizens Radio Band.

#### TUNING

Factory tuned no further tuning required.

#### FEATURES

- Plated brass mounting stud
- 3.0dBi Gain/6.5dBi Gain
- Ground Independent
- Reliable
- Robust
- Durable
- FME adaptor to allow easy installation
- Detachable antenna

#### OPTIONAL MOUNTINGS

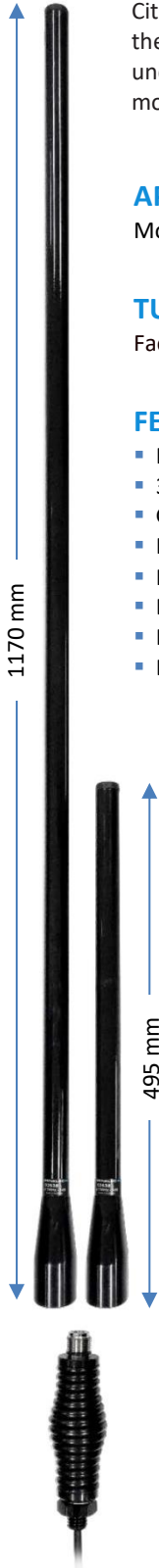
Please refer to our website for all Mountings.

#### SPECIFICATIONS

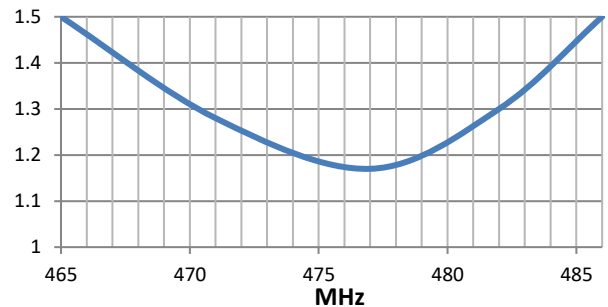
Frequency	477 MHz
Gain	3dBi/6.5dBi (Gain over ¼ wave mounted on ground plane)
Impedance	50 Ω (Nominal)
Operating VSWR	<1.5:1
Radiation Pattern	Omni Directional
E Plane Beamwidth	3dBi = 55 Deg, 6.5dBi = 20 deg
Tuned Bandwidth	3dBi = 20 MHz 6.5dBi = 10 MHz
Length	3dBi antenna = 495mm, 6.5dBi antenna = 1170mm (Antenna length includes spring)
Weight	3dBi antenna = 180g, 6.5dBi antenna = 370g
Termination	16mm stud mount on the spring assembly 5m RG58 cable terminated with FMEs + UHF Male Adaptor

#### WARRANTY

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



VSWR-4dBi



VSWR-6.5dBi

