

DATASHEET

SKU: 02638W

Benelec UHF 4.0 & 6.5 db Dual Mobile Antenna Kit 477MHz, White

6.5dB

The 02638W antenna is a dual antenna (4dB/6.5dB Gain), Ground Independent Mobile Antenna kit covering the UHF Citizens Radio Band. The 02638W kit antennas offer a genuine, respective, 4.0dB and 6.5dB 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 White Radome, with the antenna detachable from the mounting spring, offering protection against antenna theft.

APPLICATIONS

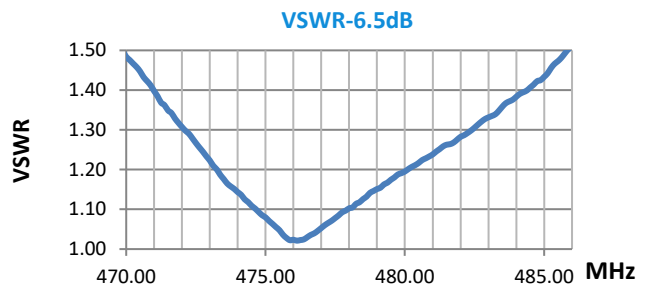
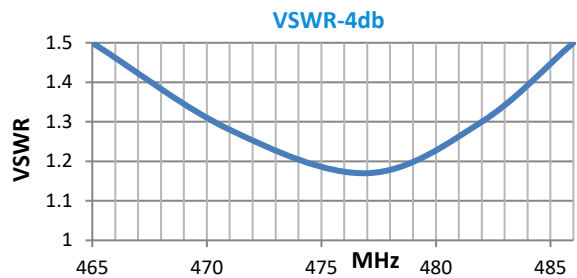
Mobile coverage for the UHF Citizens Radio Band.

TUNING

Factory tuned no further tuning required.

FEATURES

- Plated brass mounting stud
- 4.0dB Gain/6.5dB Gain
- Ground Independent
- Reliable
- Robust
- Durable
- FME adaptor to allow easy installation
- Detachable antenna



SPECIFICATIONS

Frequency:	477 MHz
Tuned Bandwidth:	4dB = 20 MHz 6.5dB = 10 MHz
Gain:	4dB/6.5dB (Gain over ¼ wave mounted on ground plane)
Length:	4dB antenna = 495mm, 6.5dB antenna = 1120mm (Antenna length includes spring)
Impedance:	50 Ω (Nominal)
Weight:	4dB antenna = 180g, 6.5dB antenna = 370g
Operating VSWR:	<1.5:1
Termination:	16mm stud mount on the spring assembly + UHF Male Adaptor
Radiation Pattern:	Omi Directional 5m RG58 cable terminated with FMEs
E Plane Beamwidth:	4dB = 55 Deg, 6.5dB = 20 deg

PACKAGING

Cardboard tube, one antenna kit per tube, 55 (OD) x 1200 (L) mm

WARRANTY

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

Note: This antenna also sales in separate Kit form, please refer to **02634CW** (4dB) and **026385CW** (6.5dB)

Website: benelec.au