

DATASHEET

Benelec UHF 4.5dB GPI Heavy Duty Mobile Antenna 477MHz, Stainless Steel

The new 026382K antennas is an ultra rugged antenna intended for use in the UHF 477 MHz Citizens Band. It offers high gain performance in a ruggedised package. The antenna comprises a polished Stainless Steel mounting section, ultra heavy-duty Stainless-Steel Spring, and a heavy walled Fibreglass Radome.

The antenna kit comes complete with a feed cable lead constructed in a small diameter cable, fitted at one end with an FME connector, allowing easy installation thru the vehicle. The antenna has a flying lead with a new generation waterproof push-pull connector for easy termination to the feed cable lead, making the antenna fully removable.

The radiation pattern on the 026382K antenna is on the horizon and offers a genuine 4.5dBd, 6.5dBi of gain.

The antenna radiating section is constructed in high quality semi rigid Teflon dielectric cable, ensuring reliable radiation pattern, and VSWR performance from antenna to antenna.

APPLICATIONS

Mobile applications requiring added gain and robust construction ideally suited to 4 WD & Trucking applications.

TUNING

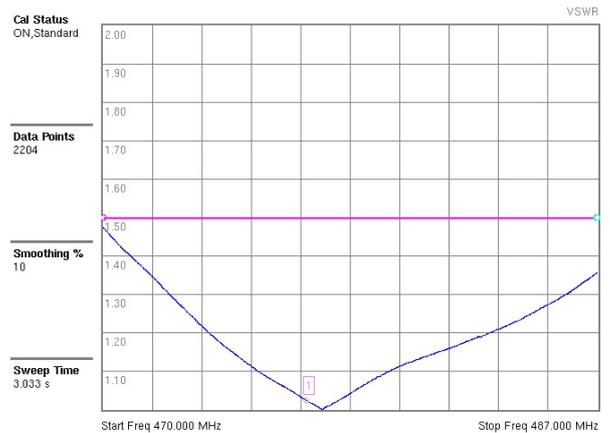
Factory tuned; no further tuning required.

FEATURES

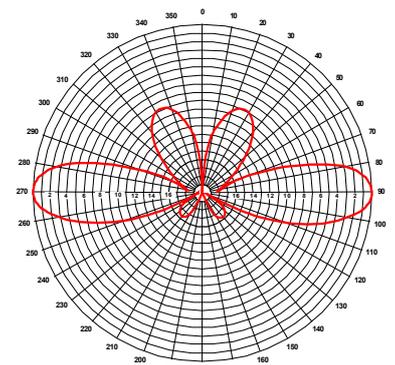
- UHF 477MHz CB Band
- Ultra rugged
- High Gain performance
- Ultra heavy-duty S/Steel Spring
- Heavy walled Fibreglass Radome
- New generation Push-Pull connector
- Reliable & Durable

SPECIFICATION

Frequency:	UHF 477 MHz CB Band
Tuned Bandwidth:	9 MHz
Gain:	4.5dBd, 6.5dBi
Length:	1.1 m
Impedance:	50 Ω (Nominal)
Weight:	1.525 Kg
Radiation Pattern:	Omni Directional
Termination:	FME Female – UHF Male / N Type push-pull connector
E Plane Beamwidth:	18 Deg
Construction:	S/Steel, Copper, Fibreglass
Cable:	410mm LL195 Cable fitted with QNB plug + FME plug to UHF plug adapter
Operating VSWR:	<1.5:1



RADIATION PATTERN



Note: SKU:10110 Antenna Lead QNB. Socket 5m LL195 FME Socket, sold separately.

PACKAGING

Cardboard Tube. 1 antenna per tube, Gross weight 3.266 Kg/Tube

WARRANTY

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

Website: benelec.au