

DATASHEET

UHF CB High Gain 4.5dB Fibreglass Antenna Kit



The 02623K is a 4.5dB gain, roof mount Fibreglass Antenna Kit covering the 470-490 section of the UHF commercial Mobile Radio Bands. When installed on a Ground Plane, the 02623K antenna kit offers a genuine 4.5dB* of gain on the horizon across the whole designated band of operation. It is designed for optimum performance on the mobile base (included in the kit) and covers the entire respective designated bands of operation under 1.5:1 VSWR. Its fibreglass construction with heatshrink fit coating ensures a smooth, strong and flexible finish.

APPLICATION

Mobile coverage for 470-490MHz section of UHF Commercial Radio Band.

TUNING

Performance can vary depending on the mounting method. Unlikely to need tuning within band. For optimum return loss the antenna can be clipped to tune it to a specific mounting location. Refer to tuning methods in our technical information section on our website.

FEATURES

- Solid fibreglass rod, copper braided radiators
- Smooth black heatshrink outer jacket
- Flexible
- Compact
- Durable

OPTIONAL BRACKETS

- 02728** Mirror Bracket
- 02730** Right Angle Stainless Steel Bull Bar Bracket
- 027303** Adjustable Tilt Lip Mount
- 02732** Extra Heavy Duty Polished S/S Bull Bar Bracket
- 027321** Extra Heavy Duty Polished S/S Bull Bar Bracket - large
- 02734** Stainless Steel "Z" Bracket

MOUNTINGS

Any base that offers a 16mm mounting hole.

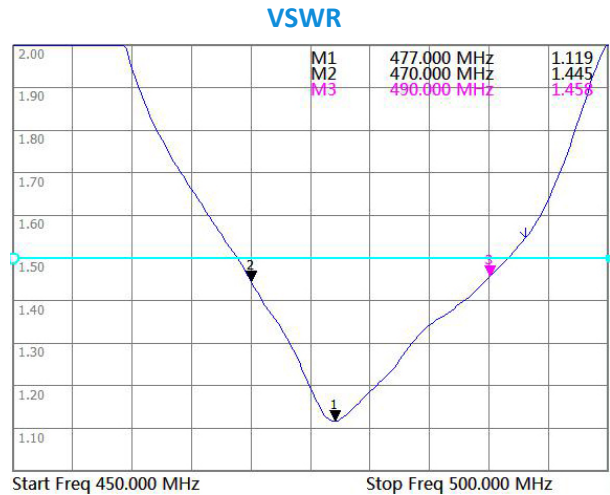
SPECIFICATIONS

Frequency	470-490 MHz
Gain	4.5 *dB
Impedance	50 Ω
Radiation Pattern	Omni Directional
E Plane Beamwidth	15 Deg
Length	650 mm
Weight	280 g
Termination	UHF Base on 3.6m RG58C/U Cable fitted with UHF Plug (PL-259)
Construction	High Gain Stainless Steel Whip top

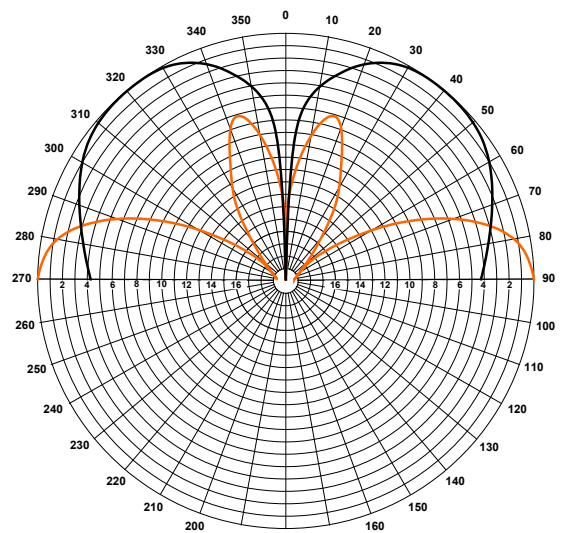
*dB Gain reference is relative to a ¼ wave on a ground plane

PACKAGING

PVC Retail Bag; Carton Quantity & Size: TBA



RADIATION PATTERNS



Orange curve refers to the Antenna
Black curve refers to ¼ wave reference

WARRANTY

3 years (Please refer to Benelec Terms & Conditions)