

Part No 02633C

tunable across 330-530MHz

2.15dBi UHF Ground Independent Mobile Antenna

The 02633C antenna is a 2.15dBi Gain, Ground Independent Mobile Antenna covering the UHF Citizens Band. The 02633C antenna offers gain on the horizon across the whole designated band of operation. The antenna is designed for optimum performance on the 10109 - UHF M/SO239 Base & lead, and covers the entire designated band of operation well under 1.5:1 VSWR. The construction features a Stainless Steel radiator, with low profile matching section and strong UHF socket.

Application

Mobile coverage for the UHF Citizens Radio Band

Tuning

Cut to tune (see cutting chart provided)

Features

- ✓ Detachable antenna.
- ✓ Rigid stainless steel radiator.
- ✓ Heavy duty matching section.
- ✓ Durable materials.
- ✓ Australian made.
- ✓ Tuneable across the band **330-530 MHz**.

Option

02633FT Flexible Top instead of SS

Optional Mountings

- 10109** UHF M-Base/SO239, 5m Lead RG58
- 02726S** Gutter Grip All Stainless Steel Construction
- 02728** Mirror Bracket Stainless Steel
- 02728B** Mirror Bracket Zinc Plated
- 02730** Right Angle Stainless Steel Bull Bar Bracket
- 02730J** Adjustable Tilt Lip Mount
- 02732** Extra H/Duty Stainless Steel Bull Bar Bracket
- 02734** Stainless Steel "Z" Bracket
- 02714S** Slope-Adjustable Gutter Grip
- 027423** Universal Suction Mag-Base
- 04110L** UHF M-Base/SO239

Specifications

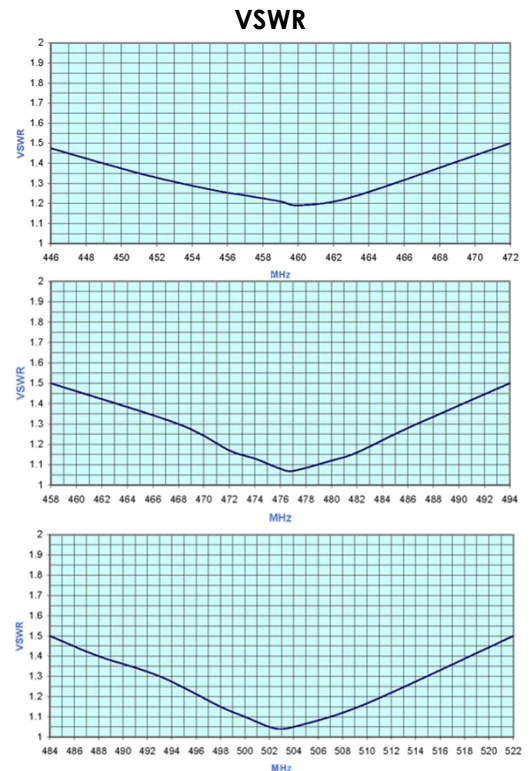
Frequency:	330-530 MHz <i>tuneable</i>
Gain:	2.15dBi
Bandwidth:	20-35 MHz <1.5:1, 40-60 MHz <2.0:1
Impedance:	50 Ω (Nominal)
Polarisation:	Vertical
Radiation:	Omnidirectional
Power rating:	50W RMS
Termination:	UHF plug.
Base Materials:	Delrin, Stainless Steel.
Antenna Length:	550mm

Warranty

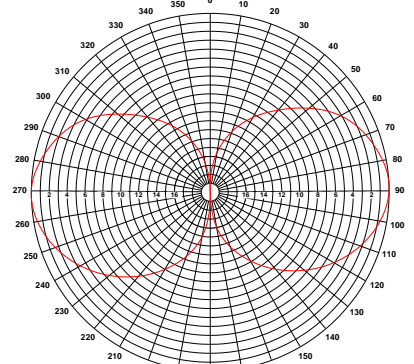
3 years (Please refer to [Benelec Terms & Conditions](#))

Packaging

Poly Bag – 50 pcs / carton @ 8 kg



Radiation Pattern



10109 Base & Lead
Supplied separately

02633C Tuning Chart

Please Note - This tuning chart is to be used as a guide to the approximate length of the whip top only.

It is essential that the antenna be properly tested using a VSWR meter or similar device for measuring VSWR or reflected power after installation.

The proper way to cut the whip is using an angle grinder or a fine file to cut through approximately 30% of the diameter of the whip, then use a vice grip and a pair of pliers to break off the end.

Do not attempt to use side cutters or bolt cutters as they will get damaged.

Please use eye protection.

