

Part No. 02637X

6.5dB UHF Elevated Feed Mobile Antenna Kit, 470-490 MHz

The 02637X series antenna is a Ground Independent, 6.5dB* Gain, mobile antenna covering the UHF 470–490MHz Band. Its high gain produces exceptional radio range coverage over distances not normally serviced by lower gain antennas. Its Ground Independence maintains a stable radiation pattern in all mobile mounting applications. Its robust construction ensures excellent longevity and performance. Ideal for mounting in applications where ground plane area is non-existent or severely reduced.

Application

Mobile coverage for the UHF 470–490MHz Band.

Tuning

Factory tuned, no further tuning required.

Features

- ✓ Ground Plane Independent
- ✓ UHF
- ✓ 6.5dB* Gain
- ✓ Heavy duty S/Steel Construction
- ✓ Pre-Terminated (no special tools required)
- ✓ Complete kit including 6.5dB* antenna, elevated feed base, 5m RG58 lead, FME socket fitted & FMEp-UHFp adaptor **04914** **
- ✓ Made using high quality components
- ✓ Designed and manufactured in Australia by a 100% Australian owned Company, Benelec Pty. Ltd.

Optional Mountings

- 02714S** Fold down gutter bracket
- 02728** Mirror Bracket
- 02730** Right Angle Stainless Steel Bull Bar Bracket
- 027303** Adjustable Tilt Lip Mount
- 02732** Extra Heavy Duty Polish Stainless Steel Bull Bar Bracket
- 02734** Stainless Steel "Z" Bracket
- 027313** (45mm), **027314** (50mm), **027315** (63mm), **027316** (76mm) WrapAround BB brackets

Warranty

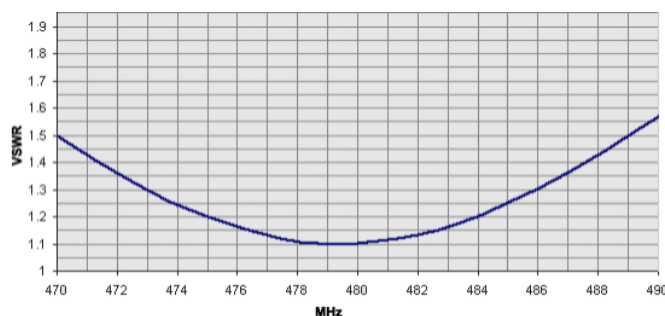
3 years (Please refer to [Benelec Terms & Conditions](#))

Specifications

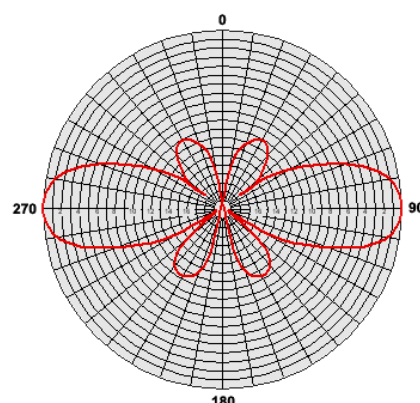
Frequency:	470–490MHz	Cable:	5m RG58
Gain:	6.5 *dB	Overall Length (L):	860mm
VSWR:	<1.5:1	Weight (including cable):	395gm
Impedance:	50 Ω (Nominal)	Termination:	FME Socket + FMEp–UHFp Adaptor 04914 **
Radiation Pattern:	Omni Directional	Construction:	High Gain S/Steel base & Whip top
E Plane Beamwidth:	20 Deg		
Power:	100W		

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

**Typical VSWR
Actual 02637X**



**Typical
Radiation Pattern**



Packaging

Blister Packaging; one antenna per pack, **GW** 700 g
Carton; 10 pcs per, **Carton size:** 850 x 240 x 200 mm **GW:** 9.0 kg

Optional FME Adaptors **

- 04911** TNCp adaptor
- 04912** mini-UHFp adaptor
- 04913** Np adaptor
- 04914** UHFp adaptor
- 04915** BNCp adaptor
- 04916** SMAp adaptor
- 04917** SMAAs adaptor
- 04923** Ns adaptor