

## DATASHEET

### Dual Band VHF & UHF Mobile Grounded Antenna

140 – 165 / 400 – 500 MHz



The 025702 antenna\* is a unity gain dual-band ground-dependent antenna covering both the bands 140 – 165 MHz and 400 – 500 MHz. It comes complete with a flexible radiator and Stainless Steel Spring. It is ideally suited to emergency services. This antenna has dual-band integration and comes with one base termination for both bands. The 5/16" 26TPI female thread is designed to be used on standard UHF Australian bases. e.g. 02740.

\* Patent No: 2020100788

#### APPLICATIONS

LMR mobile vehicle applications.

#### TUNING

Factory tuned

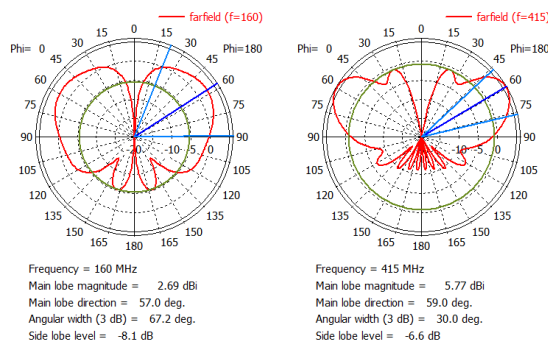
#### FEATURES

- Dual Band operation
- Broad bandwidth
- Stainless Steel bellied Spring
- Rugged Flexible Radiator
- Mounting to standard UHF bases

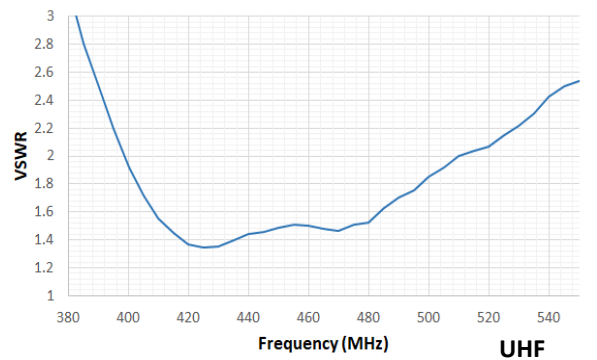
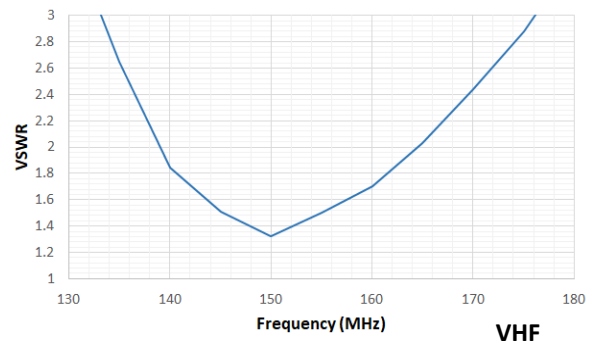
#### MOUNTINGS

Suitable for UHF base 5/16"26TPI male. Metal roof mounting or light bar mounting (reduced performance).

#### RADIATION PATTERN



#### VSWR



#### SPECIFICATIONS

Frequency	140 – 165 MHz and 400 – 500 MHz
Gain	Unity both bands (at 0°ele)
VSWR	< 2:1 both bands
RF Power Rating	50w
Impedance	50 Ω nominal
Polarisation	Vertical
Termination	5/16"26TPI Female (suitable for UHF base 02740)
Power Rating	50 watts
E Plane 3dB BeamW	80 deg both bands
H Plane 3dB BeamW	360 deg both bands
Antenna Weight	0.6 kg
Antenna Length	460 mm

#### PACKAGING

Plastic bag, G.W. 0.7kg

#### WARRANTY

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

Website: [benelec.au](http://benelec.au)