

## DATASHEET

SKU: 02613

### Benelec UHF Mini Flex Whip, 5/16" Termination Antenna, 477MHz



The 02613 is 2.15dBi gain, roof mount flexible Antenna covering the 470-490 section of the UHF commercial Mobile Radio Bands, including UHFCB477. The 02613 antenna offers a genuine 2.15dBi\* of gain on the horizon across the whole designated band of operation when installed on a Ground Plane (as a short radiator on the 02635 it is part of a 3dB {over 1/4 wave} system). It is designed for optimum performance on the 02740 mobile base and covers the entire respective designated bands of operation under 1.5:1 VSWR. Its' construction with poly coating ensures smooth strong and flexible finish.

#### APPLICATIONS

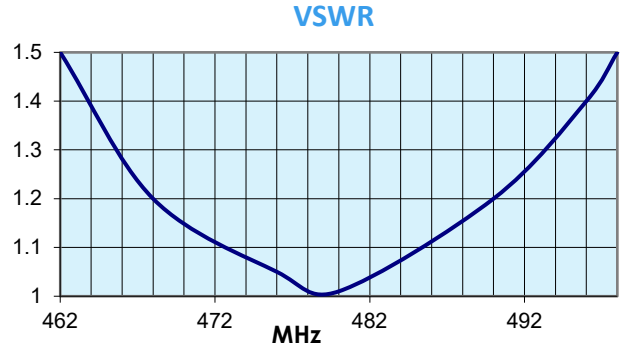
Mobile coverage for 470-490MHz section of UHF Commercial Radio Band. Replacement radiator for 3dB\* 02635 antenna system.

#### TUNING

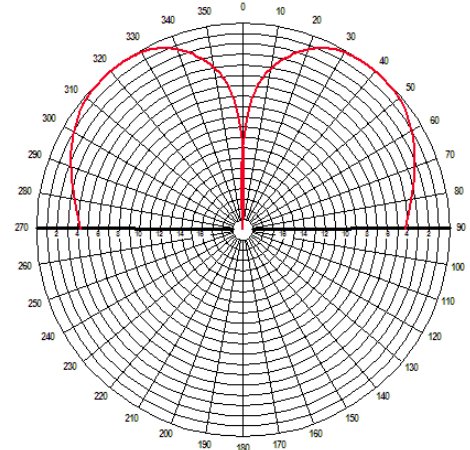
Performance can vary depending on the mounting method. Unlikely to need tuning within band. For optimum return loss the antenna can be clipped to tune it to a specific mounting location. Refer to Tuning Methods in our Technical Information Section on our web site.

#### FEATURES

- Smooth black poly outer jacket
- Very Flexible
- Compact
- Durable



#### RADIATION PATTERN



#### SPECIFICATIONS

Frequency	470 – 490 MHz (477MHz)		
Gain	2.15dBi	Length	154mm
Impedance	50Ω	Weight	33g
Radiation Pattern	Omni Directional	Termination	5/16" 26tpi Female Ferrule PLT Brass
E Plane Beamwidth	60Deg	Construction	Flex coated wire rope whip

#### PACKAGING

PE Clear Plastic bag, Poly Product Label.  
200 pcs per Shipping carton 7.1 kg/carton GW

#### WARRANTY

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

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