

## Part No 02622

450-470MHz

## 4.5dB High Gain Fibreglass Roof Mount Antenna

The 02622 is 4.5dB gain, roof mount Fibreglass Antenna covering the 450-470 section of the UHF commercial Mobile Radio Bands. The 02622 antenna offers a genuine 4.5dB\* of gain on the horizon across the whole designated band of operation when installed on a Ground Plane (as a radiator on the 026351 it is part of a 6.5dB\* 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' fibreglass construction with heatshrink fit coating ensures smooth strong and flexible finish.

### Applications

Mobile coverage for 450-470MHz section of UHF Commercial Radio Band. Replacement radiator for 6.5dB\* 026351 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

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

### Optional Base & leads

UHF Base **02740**, **10108** or **10108A** leads

### Optional Brackets

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

### Warranty

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

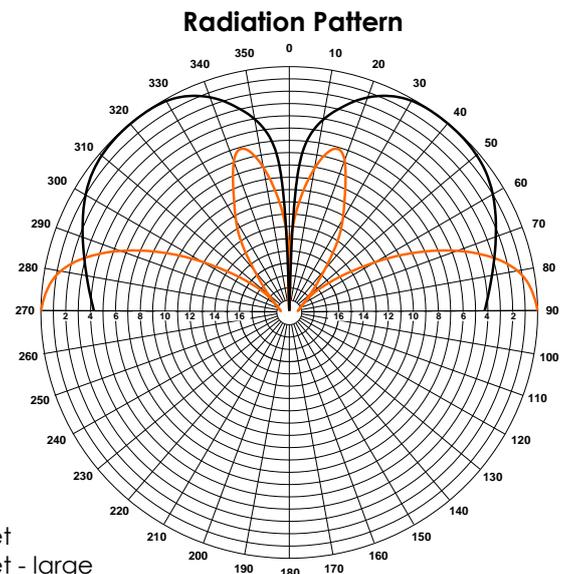
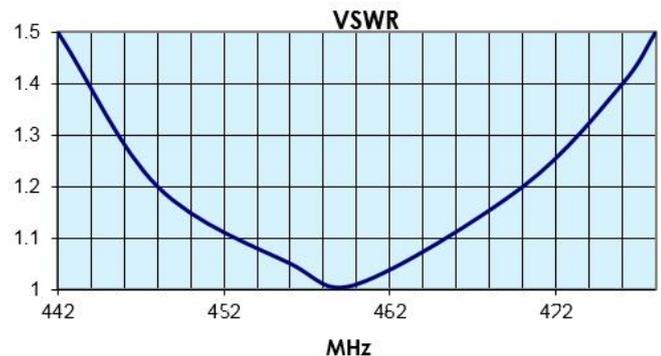
### Specifications

<b>Frequency:</b>	450-470 MHz	<b>Length:</b>	664 mm
<b>Gain:</b>	4.5 *dB	<b>Weight:</b>	66 g
<b>Impedance:</b>	50 Ω	<b>Termination:</b>	5/16" 26TPI Female Ferrule
<b>Radiation Pattern:</b>	Omni Directional	<b>Construction:</b>	High Gain Stainless Steel Whip top
<b>E Plane Beamwidth:</b>	15 Deg		

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

### Packaging

PE Clear Plastic bag, Poly Product Label. 100 pcs per Shipping carton 8.0 kg/carton



Orange curve refers to the Antenna  
Black curve refers to 1/4wave reference