

DATASHEET

SKU: 02624

Benelec UHF High Gain Fibreglass Roof Mount Antenna

5/16" Termination, 490-520MHz

The 02624 is 4.5dB gain, roof mount Fibreglass Antenna covering the 490-520 section of the UHF commercial Mobile Radio Bands. The 02624 antenna offers a genuine 4.5dB* of gain on the horizon across the whole designated band of operation when installed on a Ground Plane. 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 heat shrink fit coating ensures smooth strong and flexible finish.

APPLICATIONS

Mobile coverage for 490-520MHz section of UHF Commercial Radio Band.

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 heat shrink outer jacket
- Flexible
- Compact
- Durable

SPECIFICATIONS

Frequency:	490-520 MHz
Gain:	4.5 *dB
Length:	595 mm
Impedance:	50 Ω
Weight:	60 g
Radiation Pattern:	Omni Directional
Termination:	5/16" 26TPI Female Ferrule
E Plane Beamwidth:	15 Deg
Construction:	High Gain Stainless Steel Whip top

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

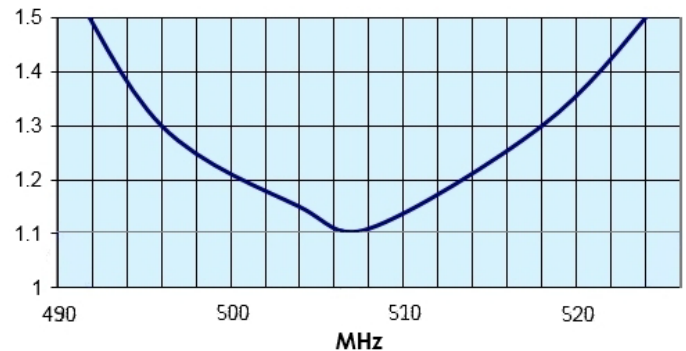
PACKAGING

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

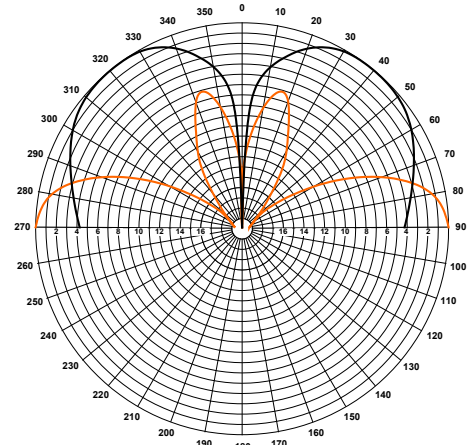
WARRANTY

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

VSWR



RADIATION PATTERN



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

595mm

