

## DATASHEET

SKU: 02624IBK

### Benelec 4.5db Mobile High Gain Roof Mount Antenna, 490-520MHz, Black, Stainless Steel

The 02624IBK antenna, is 4.5 dB Gain, Roof Mount Mobile Antenna covering the UHF 490 - 520 MHz commercial Mobile Radio Bands. The 02623IBK antenna offers a genuine 4.5dB of gain on the horizon across the whole designated band of operation. The antenna is designed for optimum performance on the 02740 UHF mobile base and cover the entire designated bands of operation under 1.5:1 VSWR.

The Black Stainless-Steel construction ensures robust and flexible

#### APPLICATIONS

Mobile Coverage for the UHF 490 - 520 MHz Commercial Radio Bands.

#### CONSTRUCTION

Spring Hardened Black Stainless-Steel finish.  
Black Chromed Brass ferrule to suit standard Benelec 5/16 26 TPI base (Model 02740)

#### SPECIFICATIONS ELECTRICAL

Model:	02624IBK
Frequency:	490-520
*Gain (dB):	4.5
Tuned Bandwidth:	30 MHz
Operating VSWR:	<1.5:1
Input Impedance:	50 ohms (Nominal)
Vertical Beamwidth:	15 Deg
Horizontal Beamwidth:	Omni

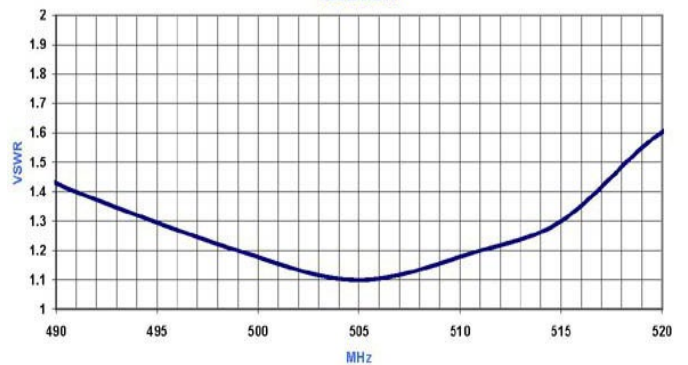
\* Gain over 1/4 Wave mounted on ground plane.

#### MECHANICAL

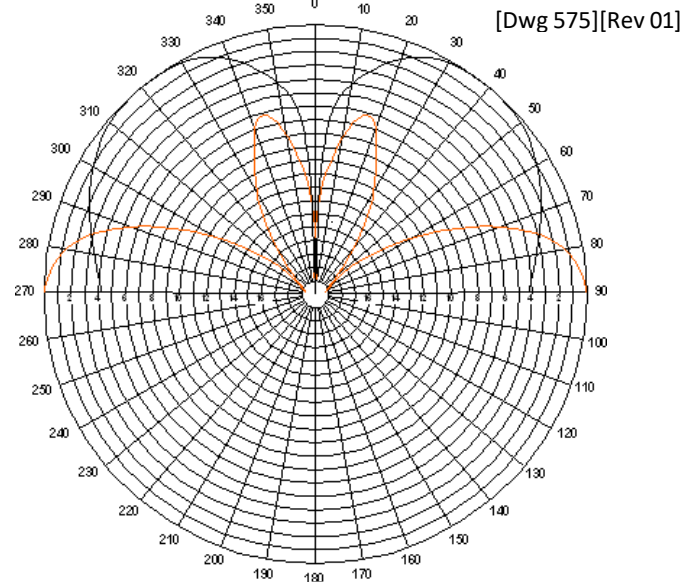
Model:	02624IBK
Construction:	Black Finish, High Gain, Stainless Steel Whip Top
Length (mm):	645
Width (mm):	-
Weight (g):	62
Termination:	5/16" 26 TPI Female Thread
Projected Area:	N/A
Wind Loading @160 KPH:	N/A

#### VSWR

02624IBK



#### RADIATION PATTERN



3 DB E Plane Beamwidth: 15 Deg  
Frequency: 400 - 520 MHz  
Gain: 4.5 dB (Gain over 1/4 Wave)

Website: benelec.au