

02624IBK - 4.5dB Black S/Steel Mobile High Gain Roof Mount 490-520 MHz Antenna

Description

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

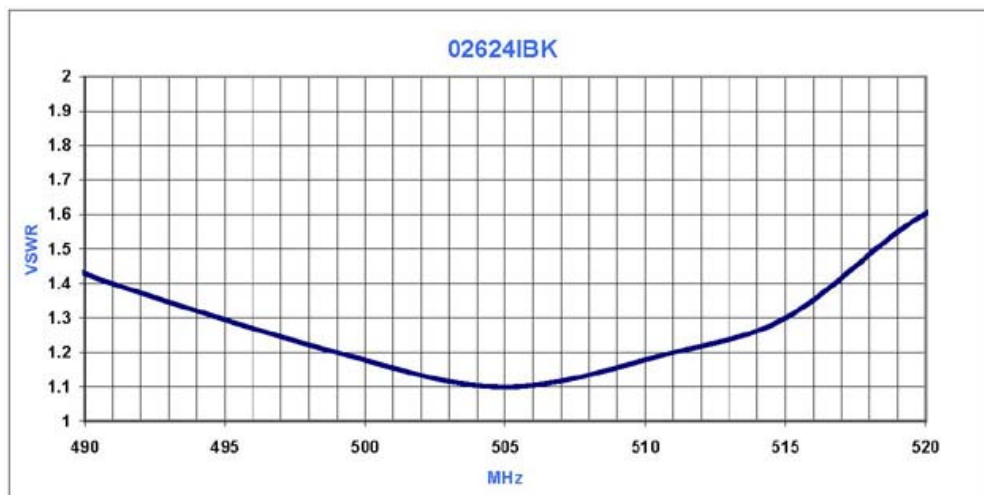
Model	Frequency MHz	*Gain (dB)	Tuned Bandwidth	Operating VSWR	Input Impedance	Vertical Beamwidth	Horizontal Beamwidth
02624IBK	490 - 520	4.5	30 MHz	<1.5:1	50 ohms (Nominal)	15 Deg	Omni

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

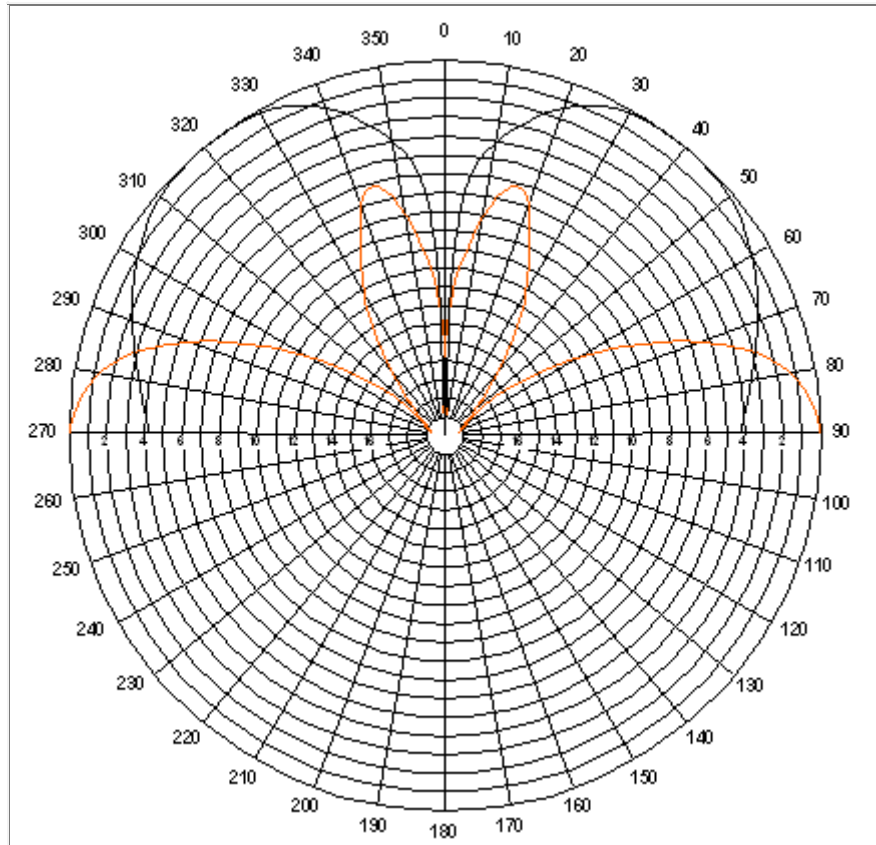
Mechanical

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

VSWR



Radiation Pattern



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

[Dwg 575][Rev 01]