

DATASHEET

Benelec UHF High Gain Mobile Stainless-Steel Whip, 5/16" Termination, 450-470MHz



The 02622IBK antenna, is 4.5 dB Gain, Roof Mount Mobile Antenna covering the UHF 450 - 470 MHz commercial Mobile Radio Bands. The 02622IBK 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 450 - 470 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

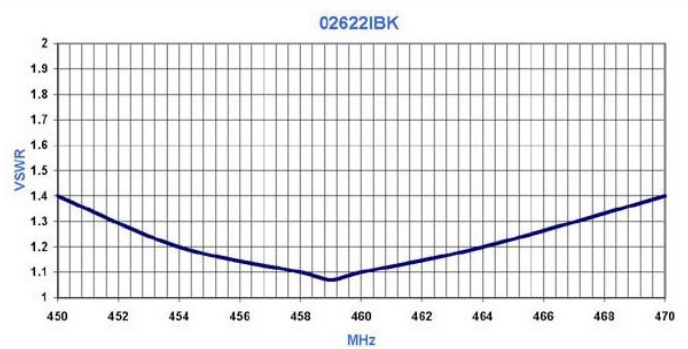
Model:	02622IBK
Frequency MHz:	450-470
Gain* dB:	4.5
Tuned Bandwidth:	20 MHz
Operating VSWR:	<1.5:1
Input Impedance:	50 ohms (Nominal)
Vertical Beamwidth:	15 Deg
Horizontal Beamwidth:	Omni

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

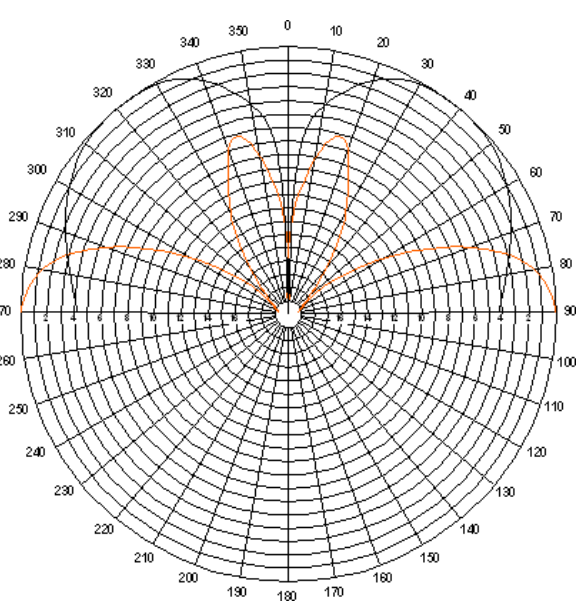
MECHANICAL

Model:	02622IBK
Construction:	Black finish, High Gain, Stainless Steel whip top
Length (mm):	710
Width (mm):	-
Weight (g):	71
Termination:	5/16" 26 TPI Female Thread
Projected Area:	N/A
Wind Loading @160 KPH:	N/A

VSWR



RADIATION PATTERN



3 DB E Plane Beamwidth: 15
Deg Frequency: 400 - 520

[Dwg 575] [Rev 01]