

02622IBK - 4.5dB Black S/Steel Mobile High Gain Roof Mount 450-470 MHz Antenna

Description

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

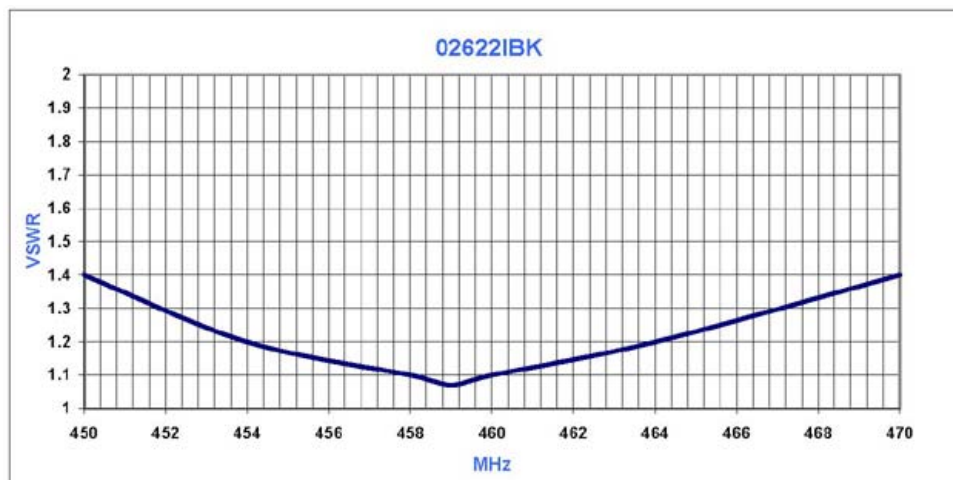
| Model | Frequency MHz | *Gain (dB) | Tuned Bandwidth | Operating VSWR | Input Impedance | Vertical Beamwidth | Horizontal Beamwidth |
|----------|---------------|------------|-----------------|----------------|-------------------|--------------------|----------------------|
| 02622IBK | 450 - 470 |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

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

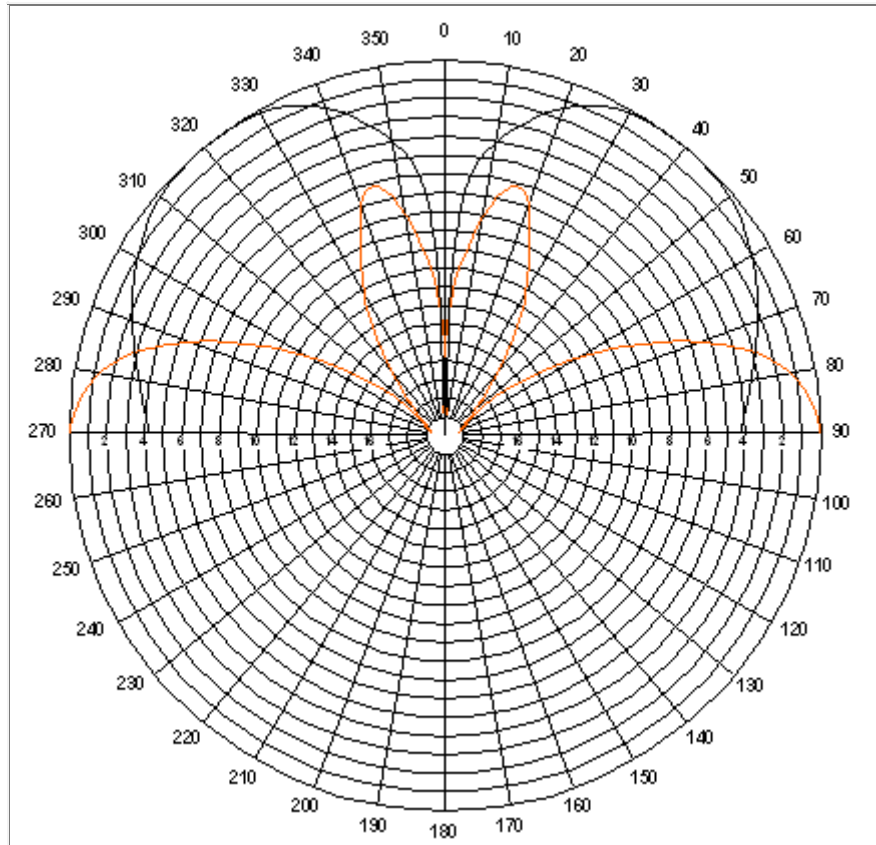
Mechanical

| Model | Construction | Length (mm) | Width (mm) | Weight (g) | Termination | Projected Area | Wind Loading @160 KPH |
|----------|---|-------------|------------|------------|----------------------------|----------------|-----------------------|
| 02622IBK | Black Finish, High Gain S/Steel whip top. | 710 | - | 71 | 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]