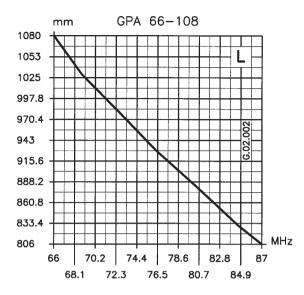
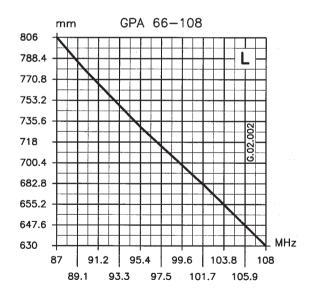
## **TYPICAL TUNING DIAGRAMS**





### NOTE:

 $\bullet \hspace{0.4cm}$  It is recommended to use the curves as a guide and fine-tune using an SWR-Meter.

VHF Ground Plane Antenna 66-108 MHz



Installation Manual

## DESCRIPTION

 $1/4~\lambda$  Ground Plane antenna for base station service working on 66-108 MHz by means of the tuning diagram enclosed. It is entirely made of non-corrosive aluminium and assembled on a strong die-cast base which allows an easy and safe installation assuring very good performances.

# **SPECIFICATIONS**

#### **Electrical Data**

Type :  $1/4 \lambda$  Ground Plane

Frequency Range : 66-108 MHz tunable by diagram

Radiation angle deg. : 0°

Polarization : Vertical

Gain : 0 dBd - 2.14 dBi Bandwidth at V.S.W.R. 2:1 : 6.5 MHz at 66 MHz

V.S.W.R. at res. freq. : ≤ 1.2 : 1

Max Power : 500 Watts

Feed System / Position : Direct / Center

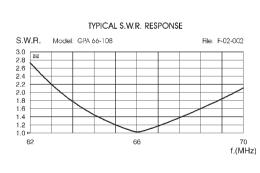
Connection : UHF Female

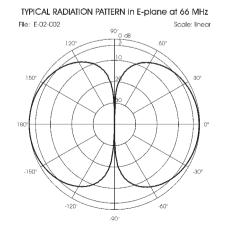
### **Mechanical Data**

Materials : Aluminium, Chromed Brass, Nylon, Stainless Steel

Wind Load / Resistance : 54 N at 150 Km/h / 150 Km/h

Wind Surface : 0.05 m²
Height (approx.) : 1930 mm
Weight (approx.) : 700 gr
Radial Length (approx) : 1080 mm
Mounting Mast : Ø 35-40 mm





## **MOUNTING INSTRUCTIONS**

