

GPA 66-108

Features:

- # Base station antenna, Mono-band
- # Unity-gain, Omnidirectional
- # Tunable by whip length adjust
- # Made of aluminium alloy 6063 T-832
- # Side mast mounting allowed by optional bracket FT-2 code 2510004.00 (pag. 59)

Specifications

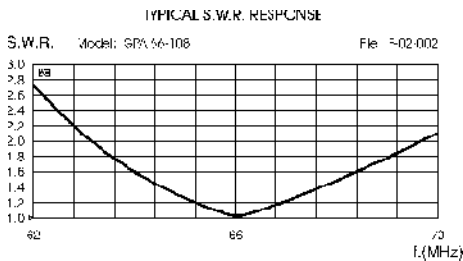
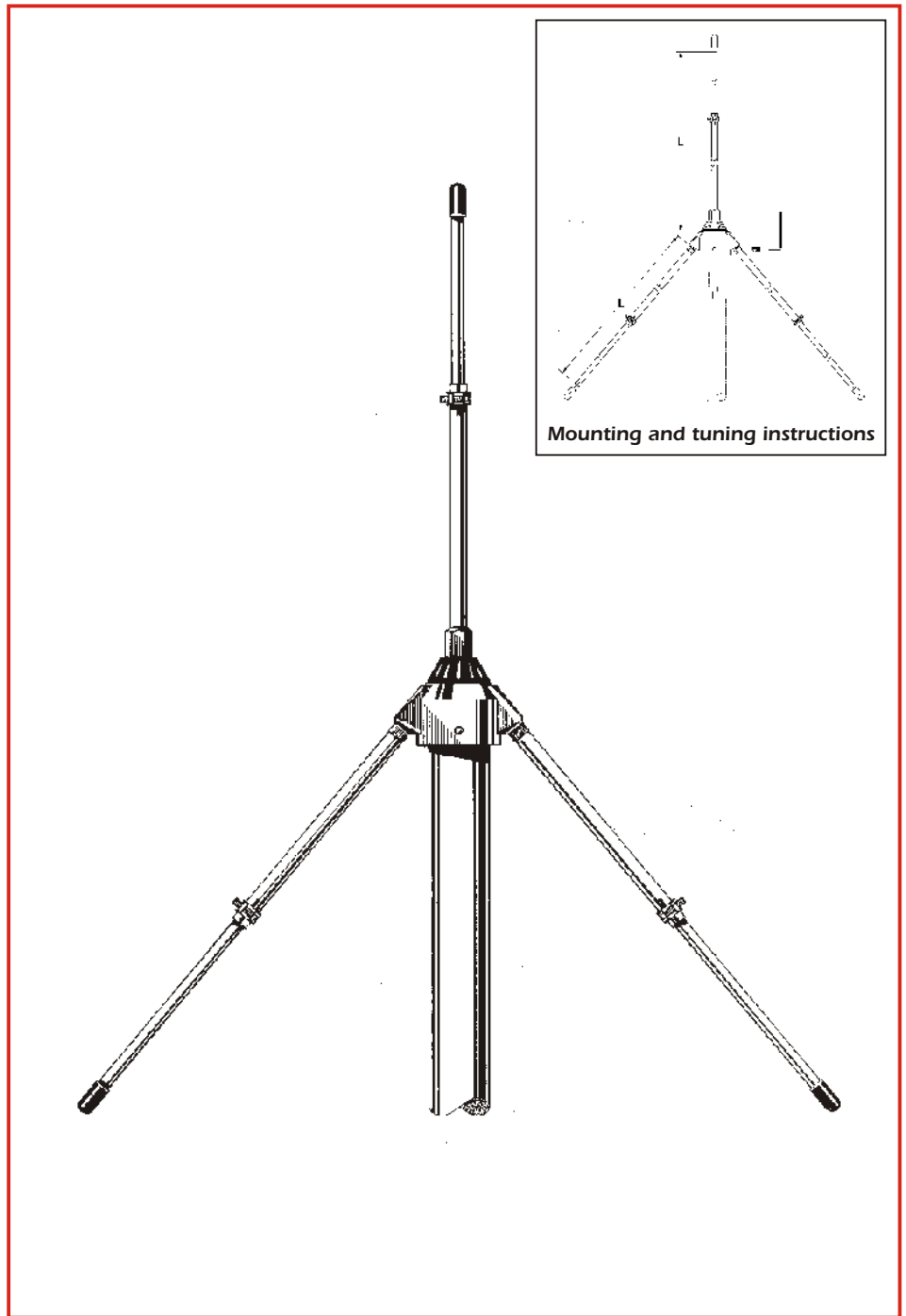
Electrical Data

Type 1/4 Ground Plane
 Frequency Range tunable from 66 to 108 MHz
 Impedance 50 Unbalanced
 Radiation (H-plane) 360° Omnidirectional
 Radiation (E-plane) Beamwidth at -3 dB = 86°
 Radiation angle deg. 0°
 Polarization Vertical
 Gain 0 dBd - 2.15 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 at 66 MHz
 Max Power 500 Watts
 Feed System / Position Direct / Center
 Connection UHF-Female

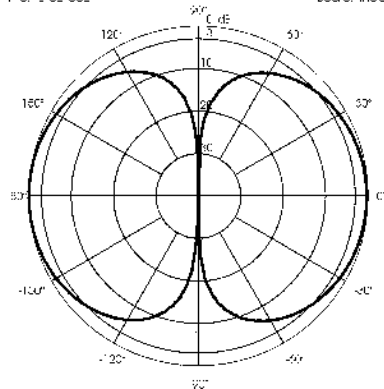
Mechanical Data

Materials Aluminium, Chromed Brass, Nylon
 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 35 - 40 mm

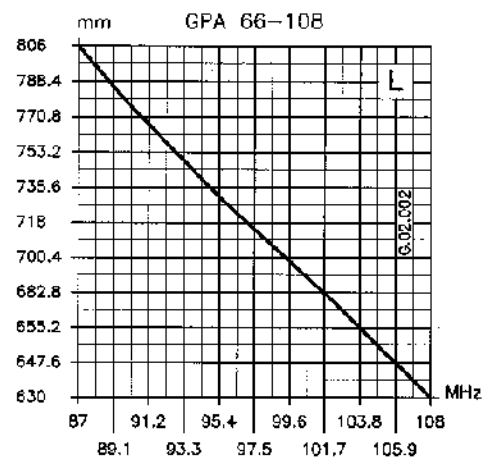
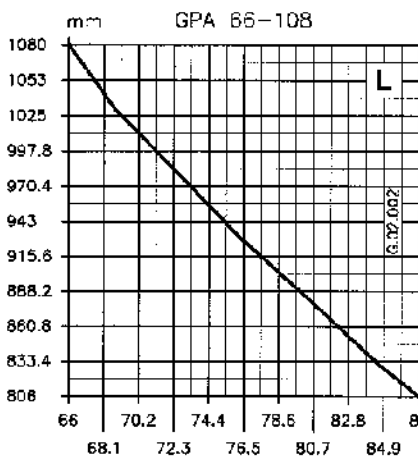
code 2101501.00



TYPICAL RADIATION PATTERN in E-plane at 66 MHz
 File: F-02-002 Source: Linear



TYPICAL TUNING DIAGRAMS*



* Diagrams are recommended to be used as a guide and fine tuning by means of SWR-meter