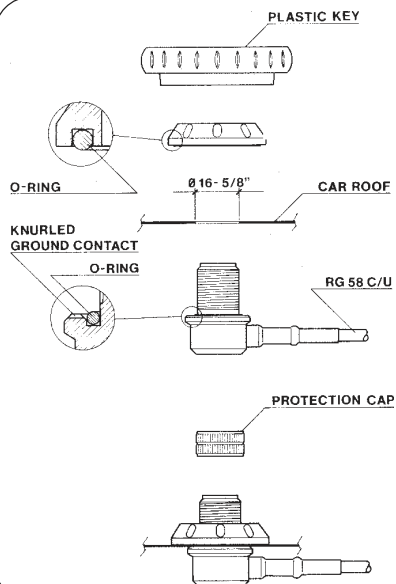


ALTERNATIVE MOUNT TYPE



HP-AC/U angular connector:

Frequency Range: from DC to 500 MHz
 Overall Size: Ø 41 mm
 Mounting Hole: Ø 16 mm
 Materials: Brass nichel plated, Teflon insulator, Gold plated pin
 Cable: 5m RG 58 C/U MIL-C-17F / FME-female
 Adaptor: FME-male / UHF-male (PL259)
 Antenna connection: UHF-female

P/N 2510805.00 HP-AC/U



HP MAG H 12 PL:

Frequency Range: from DC to 500 MHz
 Overall Size: Ø 92 mm
 Materials: Chromed Brass, Nylon, Teflon insulator, Gold plated pin
 Cable: 3.6 m RG 58 C/U MIL-C-17F / FME-female
 Adaptor: FME-male / UHF-male (PL259)
 Antenna connection: UHF-female

P/N 2511802.05 HP MAG H 12 PL



HP MAG 125 PL:

Frequency Range: from DC to 500 MHz
 Overall Size: Ø 127 mm
 Materials: Chromed Brass, Nylon, Teflon insulator, Gold plated pin
 Cable: 3.6 m RG 58 C/U MIL-C-17F / FME-female
 Adaptor: FME-male / UHF-male (PL259)
 Antenna connection: UHF-female

P/N 2511202.05 HP MAG 125 PL

Model HP 140-175

VHF Mobile Antenna 140-175 MHz



Installation Manual

DESCRIPTION

VHF vehicular antenna working on 139.3-175 MHz by means of the enclosed cutting diagram. It is made with the very best materials to guarantee the maximum strength and the best performance. The whip, made of 17/7 PH stainless steel, is very flexible and incorporate a custom inclination system that allows it to be tilted to 90° without using keys or tools. Also a particular attention has been paid to the UHF-male antenna connector with a goldplated center pin, a "Teflon" insulator and a silicone rubber gasket for a perfect waterproofing.

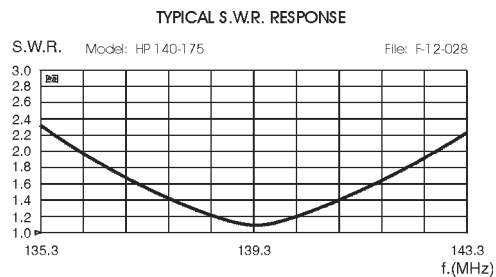
SPECIFICATIONS

Electrical Data

Type	:	5/8 λ Ground Plane
Frequency Range	:	139.3-175 MHz tunable by cutting
Impedance	:	50 Ω Unbalanced
Radiation	:	Omnidirectional
Polarization	:	Vertical
Gain	:	1.5 dB ref. to 1/4 whip
Bandwidth at V.S.W.R. 2:1	:	6.6 MHz at 139.3 MHz
V.S.W.R. at f. res.	:	$\leq 1.2 : 1$ at 139.3 MHz
Max Power	:	150 Watts
Feed System / Position	:	Transformer DC-Ground / Base
Connection	:	UHF-male

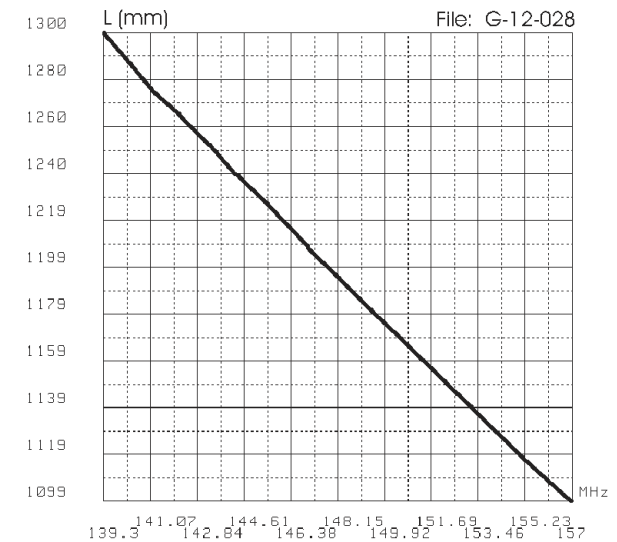
Mechanical Data

Materials	:	Chromed Brass, Stainless Steel 17/7 PH
Height (approx.)	:	1435 mm
Weight (approx.)	:	265 gr

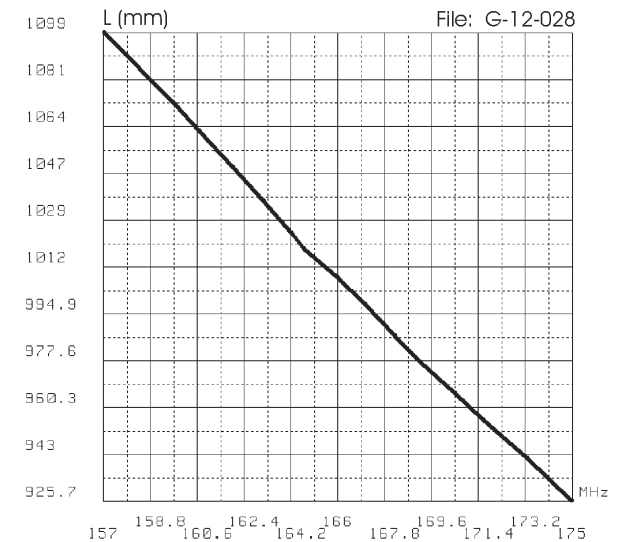


TYPICAL TUNING DIAGRAMS

TYPICAL TUNING DIAGRAM vs FREQUENCY



TYPICAL TUNING DIAGRAM vs FREQUENCY



NOTE:

- It is recommended to use the curves as a guide and fine-tune using an SWR-Meter.
- L is the length of the stainless steel rod.