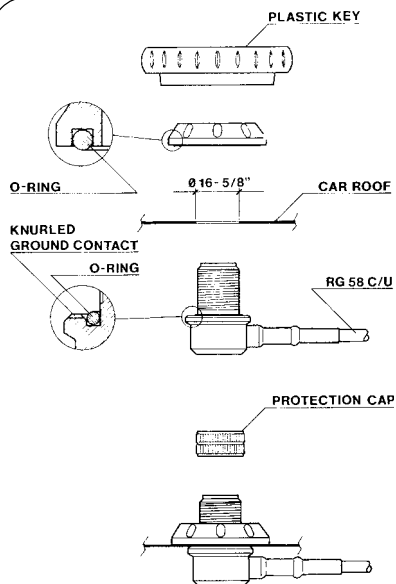


ALTERNATIVE MOUNT TYPE



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: Ferrite magnet, Chromed Brass, Nylon, Rubber protection, 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: Ferrite magnet, Chromed Brass, Nylon, Rubber protection, 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

HP 7000

HP 7000 C

UHF 70cm Radialless Mobile Antennas



HP 7000



HP 7000 C

Installation Manual

DESCRIPTION

UHF radialless vehicular antenna working on 70cm band. The very best materials have been used to guarantee the maximum strength and the best performance. The whip, made of 17/7 PH stainless steel, has an inclination system that allows the 90° tilting without using keys or tools. Also a particular attention has been paid to the UHF-male connector with a gold plated center pin, "Teflon" insulator and silicone rubber gasket for a perfect waterproofing.

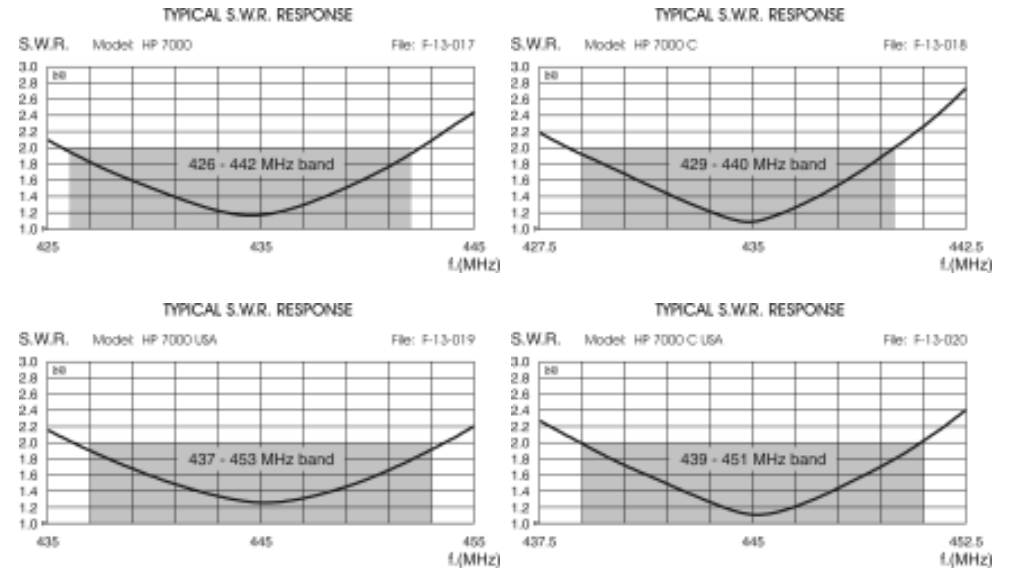
SPECIFICATIONS

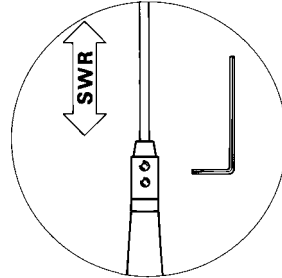
Electrical Data

Type	: HP 7000	$5/8 \lambda$
	: HP 7000 C	$2 \times 5/8 \lambda$
Frequency Range	: HP 7000	426 - 442 MHz @ SWR ≤ 2
	: HP 7000 C	429 - 440 MHz @ SWR ≤ 2
	: HP 7000 USA	437 - 453 MHz @ SWR ≤ 2
	: HP 7000 C USA	439 - 451 MHz @ SWR ≤ 2
Impedance	: 50 Ω	
Radiation (H-plane)	: 360° Omnidirectional	
Polarization	: Linear Vertical	
Gain	: HP 7000	2 dB ref. to $\lambda/4$ whip
	: HP 7000 C	5 dB ref. to $\lambda/4$ whip
Max Power	: 100 Watts (CW) @ 30° C	
Grounding Protection:	All metal parts are DC-grounded, the inner conductor is coupled capacitively	
Connector type	: UHF-male (PL 259)	

Mechanical Data

Materials	: Stainless Steel 17/7 PH, Nylon, Chromed Brass
Height (approx.)	: HP 7000 435 mm
	: HP 7000 C 990 mm
Weight (approx.)	: HP 7000 250 gr
	: HP 7000 C 320 gr

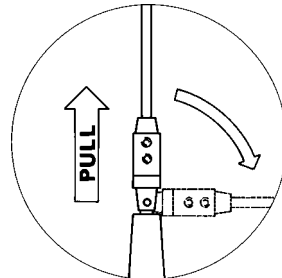




ADJUSTMENT

ADJUSTMENT: all SIRIO HP Antennas are factory adjusted and no additional tuning is usually required. However, if the center frequency needs to be changed, please follow these simple directions:

1. Release the allen-screws on the whip using the supplied key
2. Move the whip in or out as needed to obtain a low SWR at your preferred frequency range.
3. After tuning, re-tighten the allen-screws to lock the whip.



TILTING

TILTING: all SIRIO HP Antennas have an inclination system that allows the 90° tilting without use keys or special tools.

