DESCRIPTION

UHF colinear antennas for mobile service covering the full band of 368-490 MHz by cutting. The spring radiator is available in 17/7 PH stainless steel or black chromed with a nylon reinforce to get the maximun strength and flexibility. They can be supplied with "SL" mount for hole installation or magnetic mount for temporary fitting.

SPECIFICATIONS

Electrical Data

Type : 1/4 + 1/2 colinear

Frequency Range : from 368 to 490 MHz tunable by cutting

Impedance : 50 Unbalanced Radiation : Omnidirectional Polarization : Vertical

Gain : 3.5 dB ref. to a /4 whip Bandwidth @ SWR 1.5 : 20 MHz @ 368 MHz

SWR @ res. freq. : 1.2 Max Power : 100 Watts Feed System / Position : Direct / Base

Standard Mount : "SL" UHF, mounting hole 19 mm, cable 5m RG 58

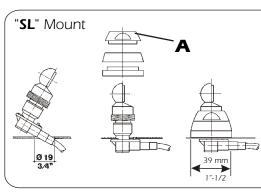
Alternative Mount : MAG H 12 S magnetic mount, cable 3.6m RG 58 w/ PL259-m

Mechanical Data

Materials : Stainless Steel, Nylon, Chromed Brass

Height (approx.) : 745 mm Weight (approx.) : 420 gr

MOUNTING INSTRUCTIONS



REMARK:

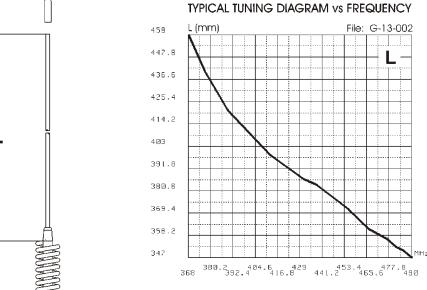
Be careful during installation do not use too much strenght but tighten the metal ring **A** by means of the suitable tool. **TIGHTENING TORQUE: 4 Nm ± 10%**

ATTENZIONE:

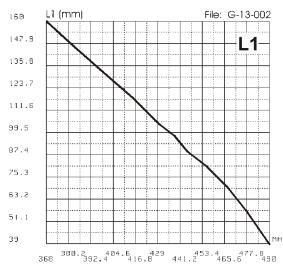
Porre attenzione durante l'installazione.
Non serrare con troppa forza ma avvitare
l'anello metallico A utilizzando la chiave
adeguata. COPPIA DI SERRAGGIO:
4 Nm ± 10%

TYPICAL TUNING DIAGRAMS

ATTENTION: cutting diagram valid only for SL mount



TYPICAL TUNING DIAGRAM vs FREQUENCY



NOTE:

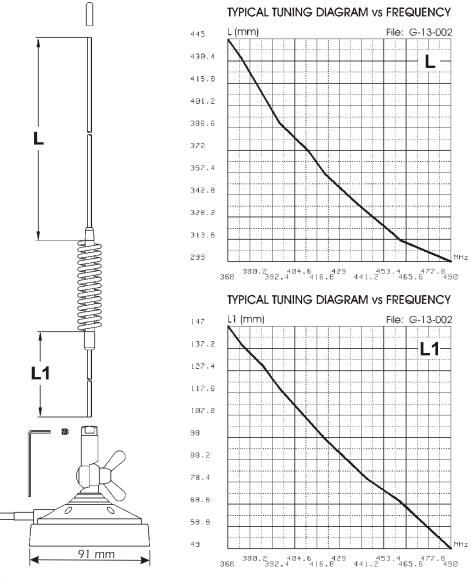
L1

• Use the curves just as a guide. For fine-tuning please use an SWR-Meter.



TYPICAL TUNING DIAGRAMS

ATTENTION: cutting diagram valid only for MAG H 12 mount



NOTE:

• Use the curves just as a guide. For fine-tuning please use an SWR-Meter.



HI-QUALITY ANTENNAS MADE IN ITALY

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SU 370-490

UHF Mobile Antenna 368-490 MHz



Installation Manual