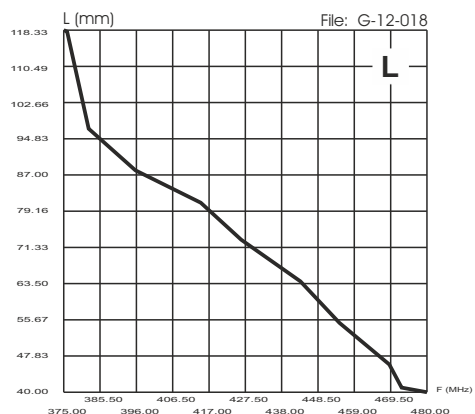


TUNING INSTRUCTIONS

TYPICAL TUNING DIAGRAM vs FREQUENCY



ALTERNATIVE MOUNT TYPE



PM 125 PL:

Frequency Range: from DC to 500 MHz
 Overall Size: Ø 127 mm
 Materials: Chromed Brass, Nylon, Rubber
 Cable: 3.6 m RG 58 / PL 259 R male
 Antenna connection: UHF-female

P/N 2502602.05 PM 125 PL

MGA 108-480 PL MGA-E 136-174MHz

VHF 108...480 MHz or 136-174MHz

Stainless steel whip with spring



HI-QUALITY ANTENNAS MADE IN ITALY

DESCRIPTION

1/4 I mobile antenna covering the frequency range of 108...480 MHz by using the enclosed cutting diagram. It is made of stainless steel rod and spring and supplied with a UHF-male (PL-259) connector suitable for the fitting on magnetic mounts, angular connector or portable RTx.

SPECIFICATIONS

Electrical Data

Type	: 1/4 I
Frequency Range	: from 108 to 480 MHz tunable by cutting
	: 136-174 MHz (MGA-E 136-174 MHz)
Impedance	: 50 W
Radiation	: Omnidirectional
Polarization	: Linear Vertical
Gain	: 0 dB ref. to a 1/4 whip
Bandwidth @ SWR £ 2	: 3 5 MHz @ 108 MHz ("PM 125 PL" mount)
SWR @ res. freq.	: £ 1.7 @ 108 MHz ("PM 125 PL" mount)
Max Power	: 100 Watts
Connector	: UHF-male (PL-259)

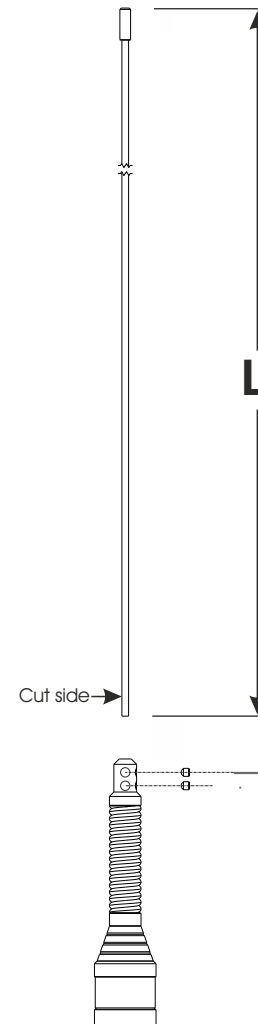
Mechanical Data

Materials	: Stainless steel 17/7 PH + AISI 302, Chromed Brass
Height (approx.)	: 775 mm
Weight (approx.)	: 110 gr

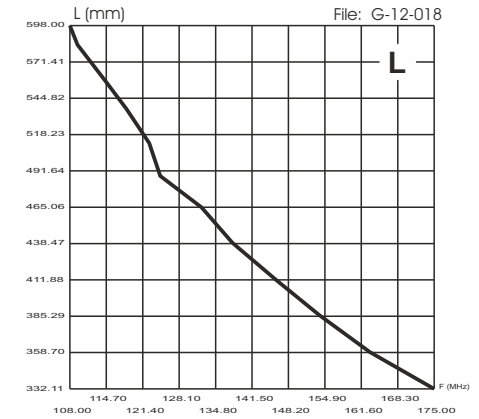
"UHF" MALE (PL-259) VIEW



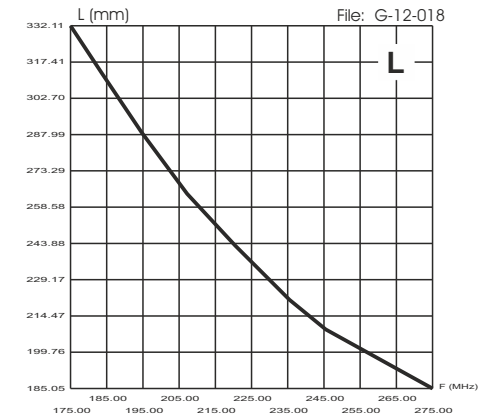
TUNING INSTRUCTIONS



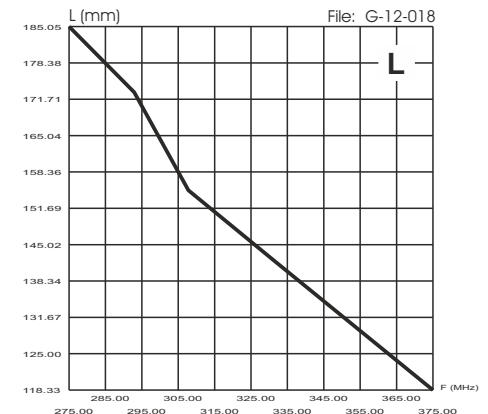
TYPICAL TUNING DIAGRAM vs FREQUENCY



TYPICAL TUNING DIAGRAM vs FREQUENCY



TYPICAL TUNING DIAGRAM vs FREQUENCY



NOTE:

- Use the curves just as a guide. For fine-tuning please use an SWR-Meter.
- The cutting diagram measurement has been made by using a SIRIO magnetic mount (PM 100PL, PM125PL and MAG145PL).
- Cut the bottom side of the radiator.