

SU 375-480 PL

UHF Mobile Antenna 375-480 MHz



DESCRIPTION

UHF colinear antenna for mobile service covering the full band of 375-480 MHz by cutting. The spring radiators is made of 17/7PH stainless steel with a nylon reinforce to get the maximum strength and flexibility. It is supplied with a UHF-male (PL 259) connector suitable for the fitting on magnetics mounts, angular connectors and portable RTx.

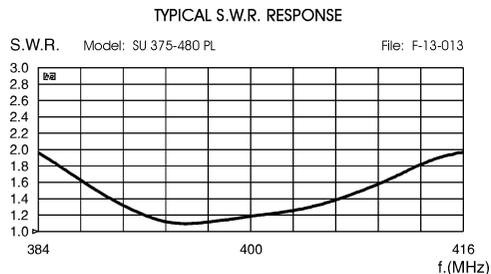
SPECIFICATIONS

Electrical Data

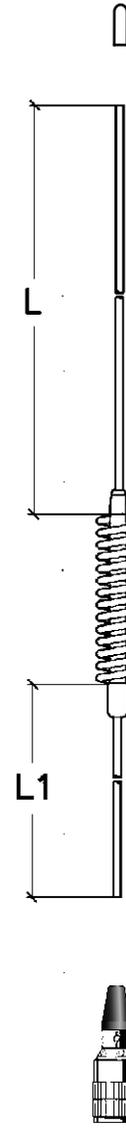
Type	:	1/4 + 1/2 Colinear
Frequency Range	:	from 375 to 480 MHz tunable by cutting
Impedance	:	50 Unbalanced
Radiation	:	Omnidirectional
Polarization	:	Vertical
Gain	:	3.5 dB ref. to a /4 whip
Bandwidth @ SWR 2	:	30 MHz @ 375 MHz
SWR @ res. freq.	:	1.6
Max Power	:	100 Watts
Feed System / Position	:	Direct / Base
Connector	:	"UHF" male (PL 259)

Mechanical Data

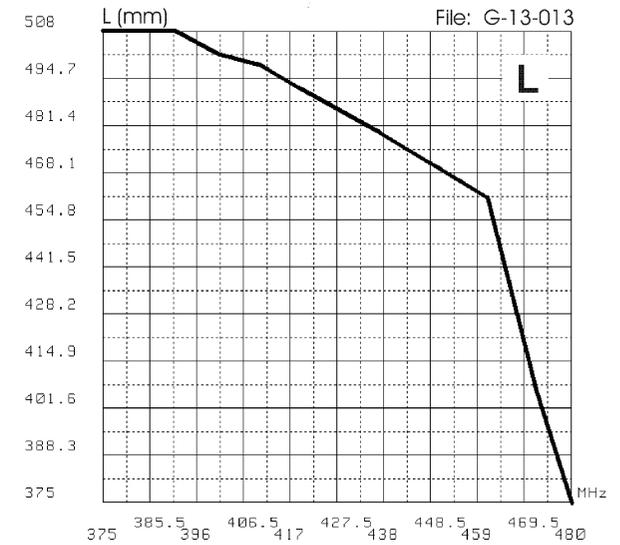
Materials	:	Stainless Steel, Nylon, Chromed Brass
Height (approx.)	:	760 mm
Weight (approx.)	:	160 gr



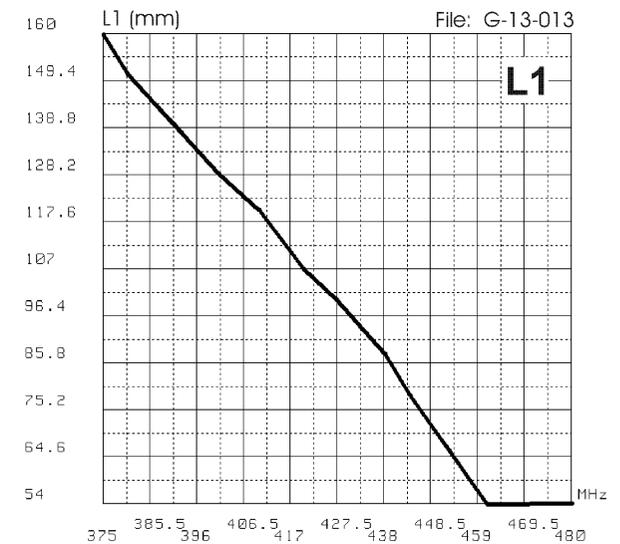
TYPICAL TUNING DIAGRAMS



TYPICAL TUNING DIAGRAM vs FREQUENCY



TYPICAL TUNING DIAGRAM vs FREQUENCY



NOTE:

- The cutting diagram measurement has been made by using SIRIO magnetic mounts (recommended models: MAG H 12 PL, MAG 125 PL, MAG 160 PL) or HP-AC/U for hole installation.
- Use the curves just as a guide. For fine-tuning please use an SWR-Meter.