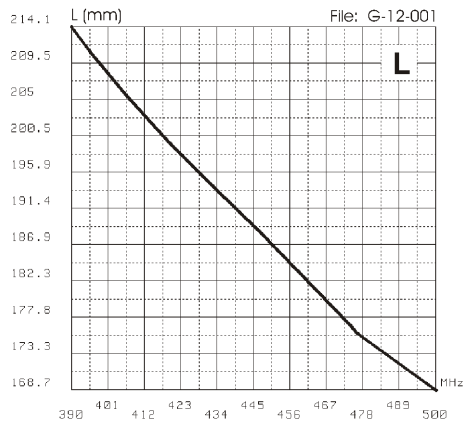


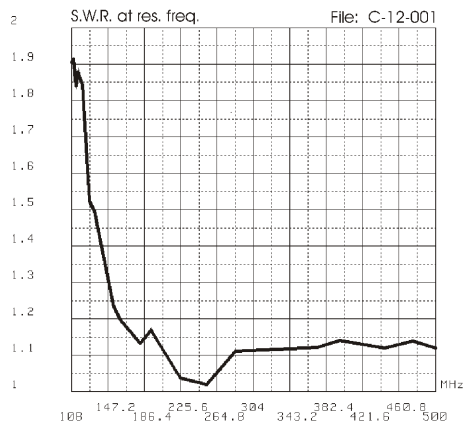
TUNING INSTRUCTIONS

TYPICAL TUNING DIAGRAM vs FREQUENCY

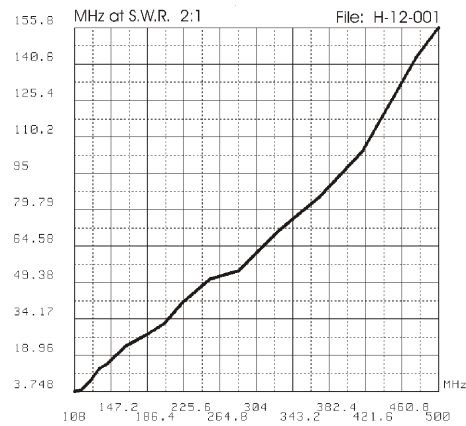


MATCHING & BANDWIDTH DIAGRAMS

TYPICAL MATCHING DIAGRAM vs FREQUENCY



TYPICAL BANDWIDTH DIAGRAM vs FREQUENCY



SKA 108-500

VHF Mobile Antenna 108...500 MHz Stainless steel whip



DESCRIPTION

1/4 mobile antenna covering the frequency range of 108...500 MHz by using the enclosed cutting diagram. It is made of black chromed stainless steel and all its metallic components are of brass to get the maximum strength. Its "SL-S" mount with the spheric joint allows the whip to be tilted without screw or nut.

SPECIFICATIONS

Electrical Data

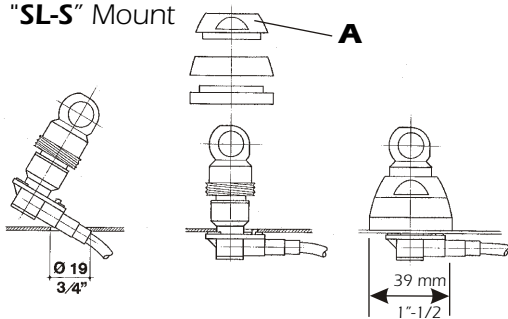
Type	: 1/4
Frequency Range	: from 108 to 500 MHz tunable by cutting
Impedance	: 50
Radiation	: Omnidirectional
Polarization	: Linear Vertical
Gain	: 0 dB ref. to a 1/4 whip
Bandwidth @ SWR 2	: see diagram
SWR @ res. freq.	: see diagram
Max Power	: 100 Watts
Standard Mount	: "SL-S", mounting hole 19 mm, cable 5m RG 58

Mechanical Data

Materials	: Stainless Steel 17/7 PH, Nylon, Chromed Brass
Height (approx.)	: 710 mm
Weight (approx.)	: 360 gr

MOUNT INSTALLATIONS

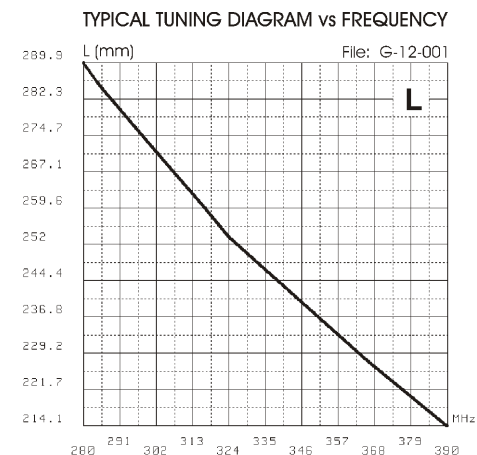
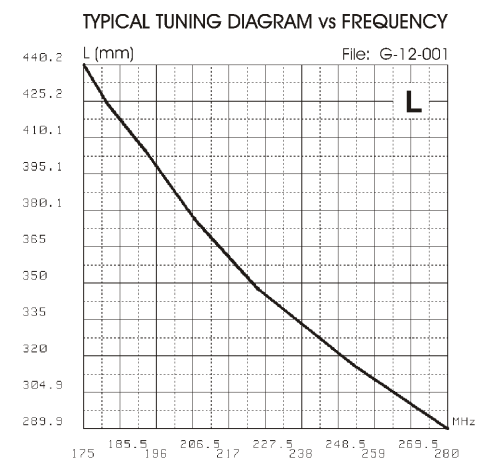
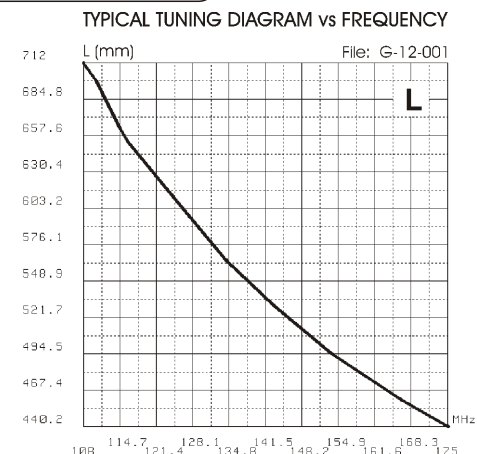
"SL-S" Mount



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%**

TUNING INSTRUCTIONS



NOTE:

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