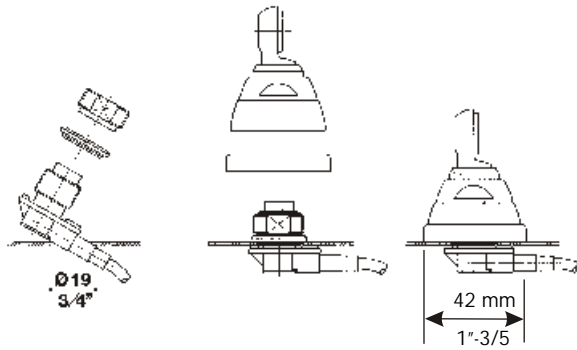
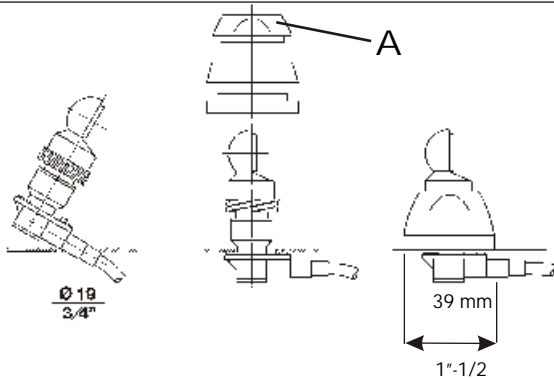


## MOUNT INSTALLATIONS

### "S" Mount



### "SL" 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  $\pm$  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  $\pm$  10%

## ALTERNATIVE MOUNT TYPE



MAG 125 S:  
 Frequency Range: from DC to 500 MHz  
 Overall Size:  $\varnothing$  127 mm  
 Materials: Chromed Brass, Nylon, Rubber  
 Cable: 3.6 m RG 58 / PL 259 R male  
 Antenna connection: UHF-female

P/N 2502602.01 MAG 125 S



HI-QUALITY ANTENNAS MADE IN ITALY

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## SM 66-88

## SM 140-175

VHF Mobile Antennas 66...88 MHz or 140...175 MHz Fiberglass whip



## Installation Manual

## DESCRIPTION

1/4 mobile antennas covering the frequency range of 66...88 MHz or 140...175 MHz by using the enclosed cutting diagram. SM series is made of black tapered fiberglass whip and supplied with "S" or "SL" mount.

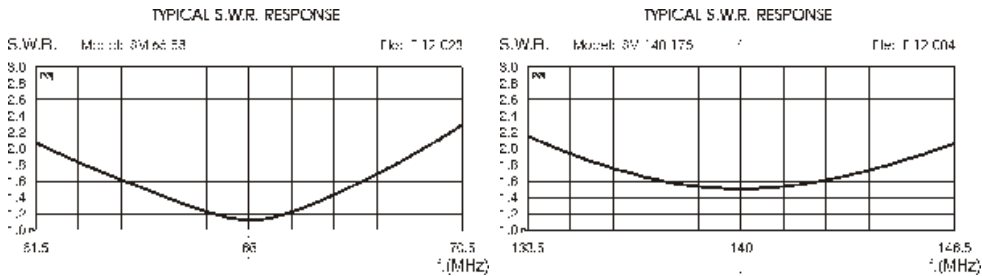
## SPECIFICATIONS

### Electrical Data

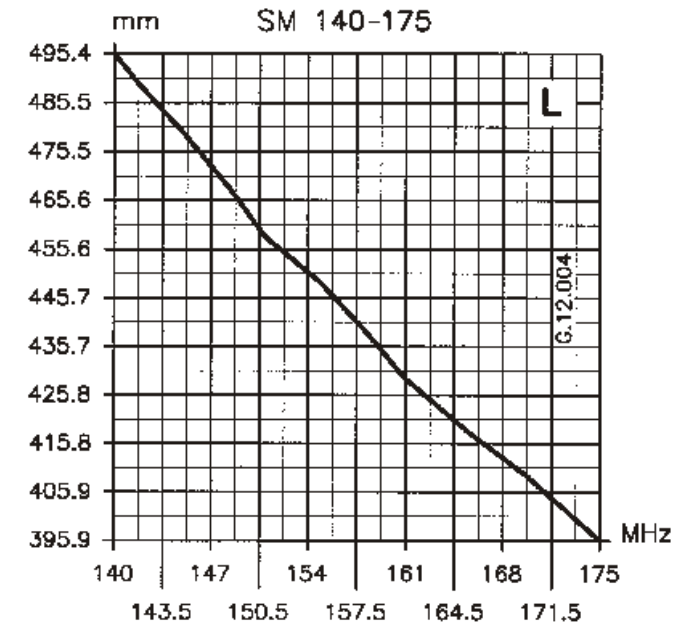
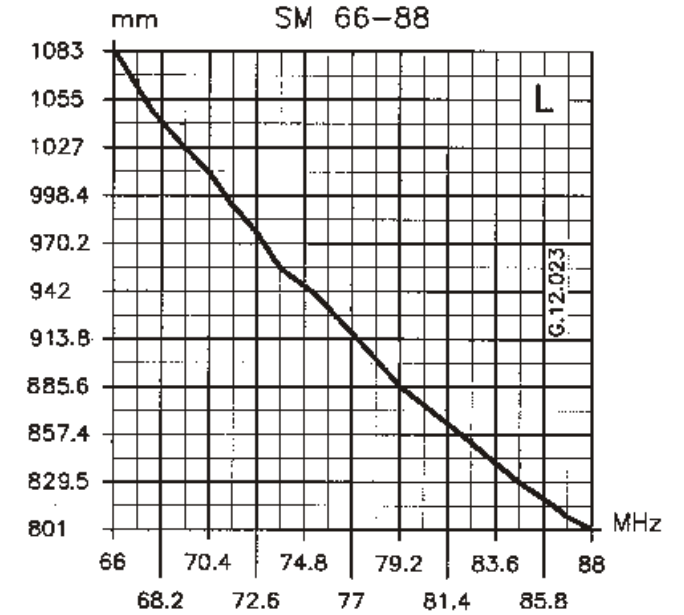
Type	: 1/4	
Frequency Range	: SM 66-88	from 66 to 88 MHz tunable by cutting
	: SM 140-175	from 140 to 175 MHz tunable by cutting
Impedance	: 50	
Radiation	: Omnidirectional	
Polarization	: Linear Vertical	
Gain	: 0 dB ref. to a 1/4 whip	
Bandwidth @ SWR 2	: SM 66-88	7.9 MHz @ 66 MHz ("SL" mount)
	: SM 140-175	11 MHz @ 140 MHz ("SL" mount)
SWR @ res. freq.	: SM 66-88	1.2 @ 66 MHz ("SL" mount)
	: SM 140-175	1.5 @ 140 MHz ("SL" mount)
Max Power	: 100 Watts	
Standard Mount	: "SL", mounting hole	19 mm, cable 5m RG 58
Alternative Mount	: "S", mounting hole	19 mm, cable 5m RG 58

### Mechanical Data

Materials	: Fiberglass, Nylon, Chromed Brass
Height (approx.)	: SM 66-88 1085 mm
	: SM 140-175 500 mm
Weight (approx.)	: 380 gr



## TUNING INSTRUCTIONS



### NOTE:

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