

Model SKB 140-175 1/4 MAG

VHF Mobile Antenna 140-175 MHz

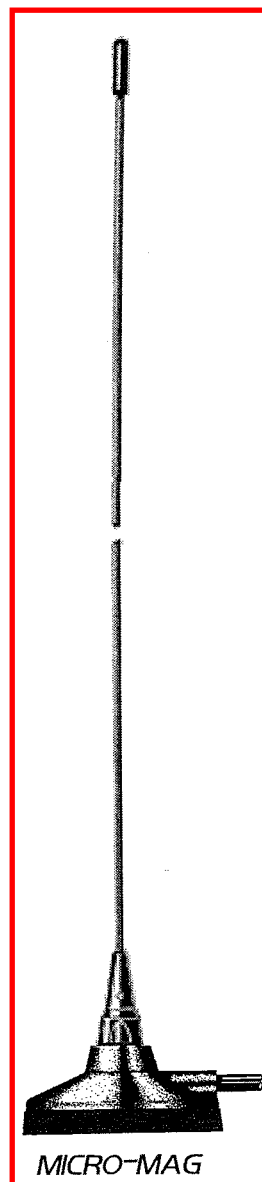
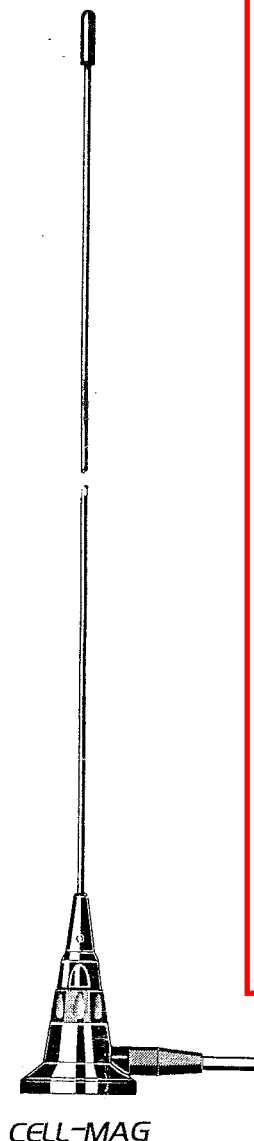
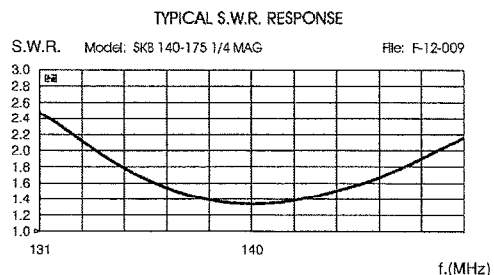
SPECIFICATIONS

Electrical Data

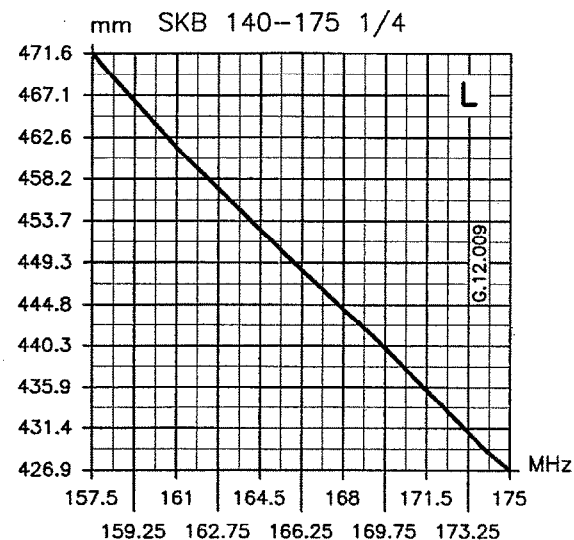
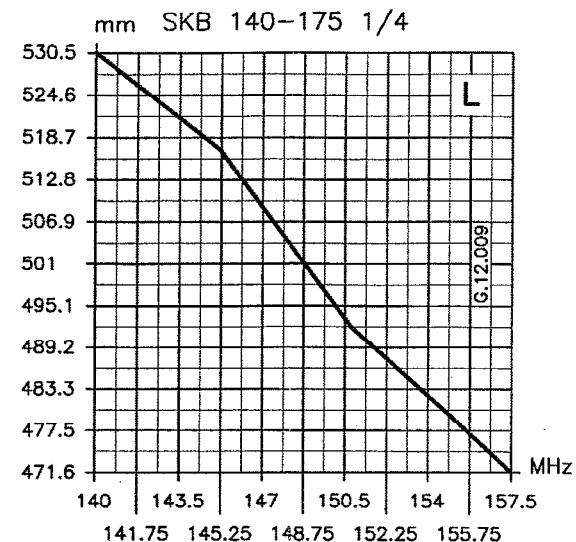
Type	: 1/4 λ Mobile Antenna
Frequency Range	: 140-175 MHz tunable by cutting
Impedance	: 50 Ω Unbalanced
Radiation	: Omnidirectional
Polarization	: Vertical
Gain	: 0 dB ref. to a $\lambda/4$ whip
Bandwidth at V.S.W.R. 2:1	: 14.4 MHz at 140 MHz
V.S.W.R. at f. res.	: $\leq 1.6 : 1$
Max Power	: 100 Watts
Feed System / Position	: Direct / Base
Mounting	: Magnetic
Cable Length / Connection	
CELL-MAG	: 3 m / FME-female
MICRO-MAG	: 4.5 m / PL-259-male

Mechanical Data

Materials	: Brass, Stainless Steel, Nylon
Height (approx.)	: 530 mm
Base Diameter / Height	
CELL-MAG	: $\varnothing$ 40 mm / 38 mm
MICRO-MAG	: $\varnothing$ 68 mm / 30 mm
Weight (approx.)	: 315 gr



TYPICAL TUNING DIAGRAM



NOTE:

- L is the height from the ground plane.
- It is recommended to use the curves as a guide and fine-tune using an SWR-Meter.