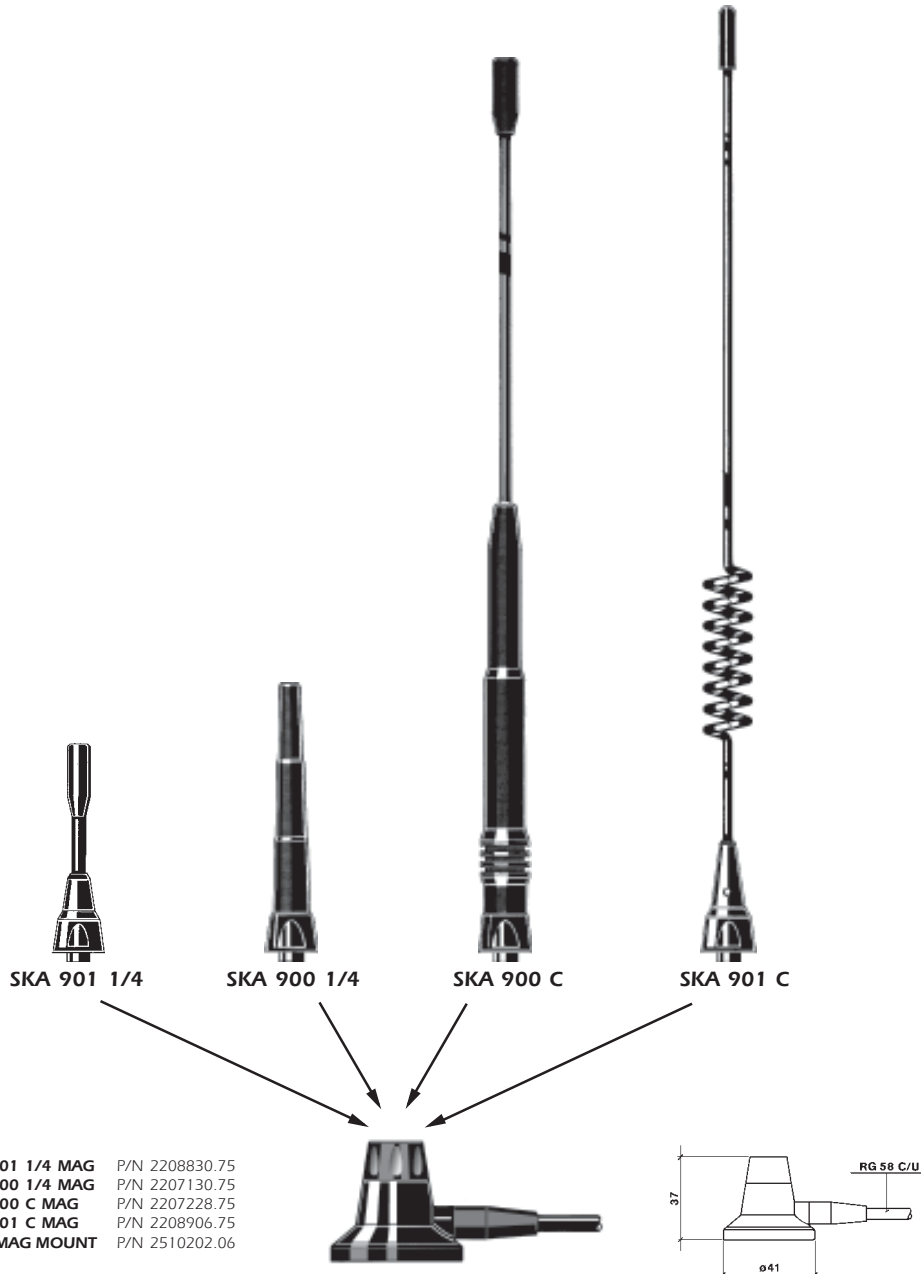


# SKA 900 MAG Series

UHF Magnetic Antennas 824-960 MHz



SKA 901 1/4 MAG P/N 2208830.75  
 SKA 900 1/4 MAG P/N 2207130.75  
 SKA 900 C MAG P/N 2207228.75  
 SKA 901 C MAG P/N 2208906.75  
 CELL-MAG MOUNT P/N 2510202.06

## DESCRIPTION

Vehicular antennas working on AMPS, TACS or E-GSM 900 cellular systems. They are supplied with CELL-MAG, the Micro Magnetic Mount which is suitable to be used with 4 different whips (see drawings) thanks to its universal threaded connection. In spite of its very reduced dimensions, Cell-Mag can bear a traction power of 15 Kg and it is supplied with 3m cable RG 58 C/U and FME connector.

## SPECIFICATIONS

### Electrical Data

|                          |  |
|--------------------------|--|
| Type                     |  |
| SKA 900 1/4, SKA 901 1/4 | : 1/4 $\lambda$                                      |
| SKA 900 C                | : 1/4 $\lambda$ + 1/2 $\lambda$ Colinear Antenna     |
| SKA 901 C                | : 1/4 $\lambda$ + 5/8 $\lambda$ Colinear Antenna     |
| Frequency Range          |  |
| SKA 900 1/4, SKA 901 1/4 | : 824-960 MHz (for AMPS, TACS and E-GSM 900 systems) |
| SKA 900 C, SKA 901 C     | : 870-960 MHz (for TACS and E-GSM 900 systems)       |
| Impedance                | : 50 $\Omega$ Unbalanced                             |
| Radiation                | : Omnidirectional                                    |
| Polarization             | : Vertical   |
| Gain                     |  |
| SKA 900 1/4, SKA 901 1/4 | : 0 dB ref. to a $\lambda/4$ whip                    |
| SKA 900 C, SKA 901 C     | : 3.5 dB ref. to a $\lambda/4$ whip                  |
| V.S.W.R. in bandwidth    |  |
| SKA 900 1/4, SKA 901 1/4 | : $\leq 1.8:1$                                       |
| SKA 900 C                | : $\leq 2.0:1$                                       |
| SKA 901 C                | : $\leq 2.2:1$                                       |
| Max Power                | : 30 Watts (CW) at 50° C                             |
| Feed System / Position   | : Direct / Base                                      |
| Standard mount           | : CELL-MAG   |
| Cable Length / Type      | : 3 m / RG 58  |
| Connection               | : FME-female   |

### Mechanical Data

|                       |                                      |
|-----------------------|--------------------------------------|
| Materials             | : Chromed Brass, Zinc, Nylon, Rubber |
| Whip Height (approx.) |                                      |
| SKA 900 1/4           | : 68 mm                              |
| SKA 901 1/4           | : 64 mm                              |
| SKA 900 C             | : 254 mm                             |
| SKA 901 C             | : 295 mm                             |
| Mounting              | : Magnetic                           |