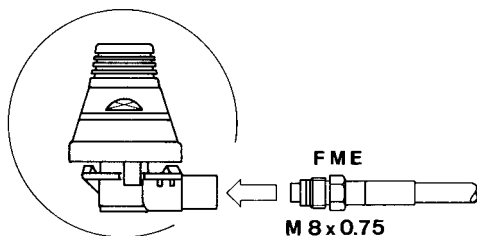


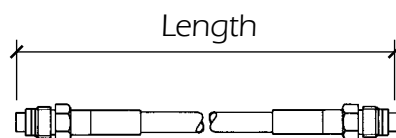
## ALTERNATIVE CABLE CONNECTION



"ML" base / FME connection  
Optional cables available.

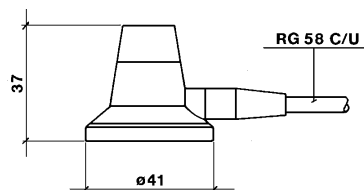
## OPTIONAL SPARE CABLES

(only "ML" / FME connection)



code 2510305.00	<b>0.5 m</b> RG 58 C/U cable + 2 FME
code 2510405.00	<b>1.5 m</b> RG 58 C/U cable + 2 FME
code 2510505.00	<b>3.5 m</b> RG 58 C/U cable + 2 FME
code 2510605.00	<b>5.0 m</b> RG 58 C/U cable + 2 FME

## ALTERNATIVE MAG MOUNT

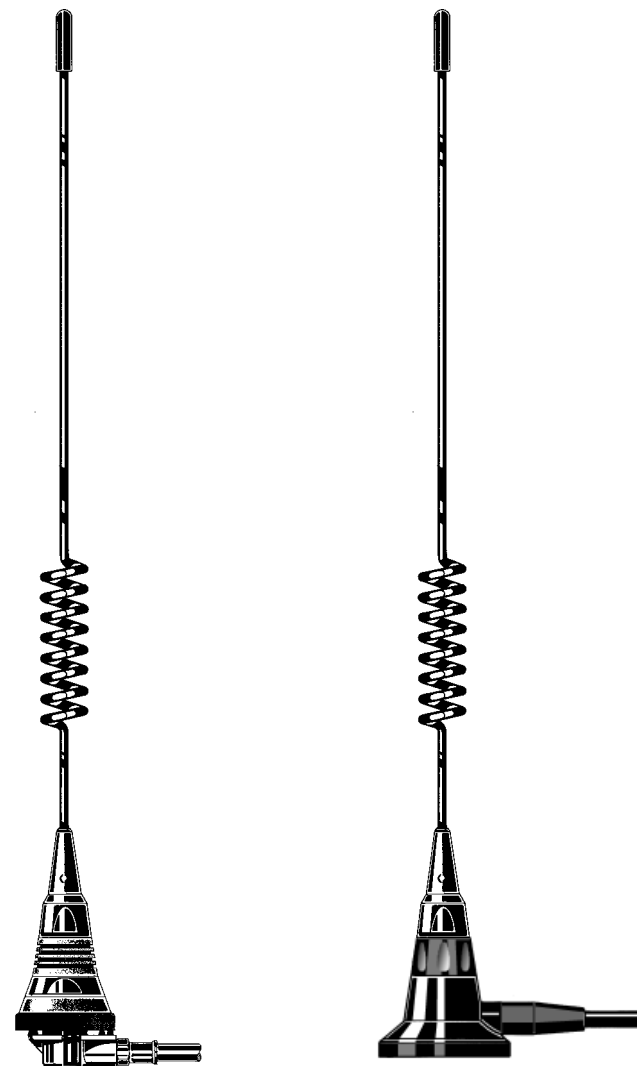


### CELL MAG:

Frequency Range: from DC to 1000 MHz  
Overall Size: Ø 41 mm  
Materials: Chromed Brass, Nylon, Silicon Rubber  
Cable: 3 m RG 58 C/U MIL-C-17F / FME-female

# Model **SKA 806-866**

UHF Colinear Mobile Antenna 806-866 MHz



## Installation Manual

## DESCRIPTION

Colinear antenna conceived for CELLULAR systems on 806-866 MHz. Made of black chromed 17/7 PH stainless steel whip and supplied with the "ML" (Micro Line) mount or magnetic mount for a handy installation on the vehicle. The supplied cable is a RG 58 C/U in standard length of 5m for the hole mount and 3m for the magnetic version.

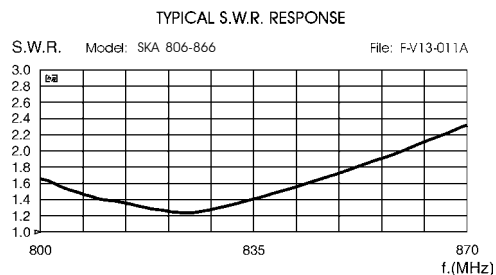
## SPECIFICATIONS

### Electrical Data

Type	:	1/4 $\lambda$ +5/8 $\lambda$ Colinear Antenna
Frequency Range	:	806-866 MHz
Impedance	:	50 $\Omega$ Unbalanced
Radiation	:	Omnidirectional
Polarization	:	Vertical
Gain	:	3.5 dB ref. to a $\lambda/4$ whip
Bandwidth at V.S.W.R. 2:1	:	70 MHz
V.S.W.R. at f. res.	:	$\leq 1.3 : 1$
Max Power	:	30 Watts CW
Feed System / Position	:	Direct / Base
Mount	:	hole: "ML" UHF magnetic: "CELL MAG"
Cable	:	RG 58 C/U
Connection	:	FME female or other on request

### Mechanical Data

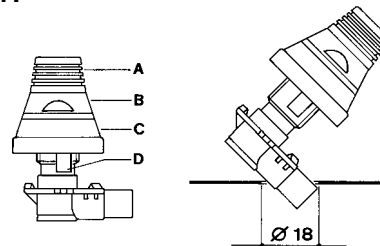
Materials	:	Chromed Brass, Stainless Steel 17/7 PH
Height (approx.)	:	360 mm
Weight (approx.)	:	230 gr
Mounting Hole	:	$\varnothing$ 14 or 18 mm



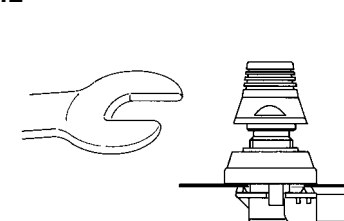
## MOUNTING INSTRUCTIONS

### Mounting from the outside

#### 1.1



#### 1.2



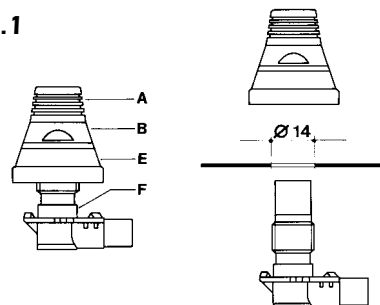
**1.1** Drill a 18 mm hole, deburr it and protect it against corrosion. Loose part **B**, push it upwards together with part **C** and hold it tightly.

**1.2** Insert the base into the mounting hole and decentralize it. Insert the plastic fish-plates **D** of part **C** into the hole. Screw on part **B** with a 20 mm open-end wrench.

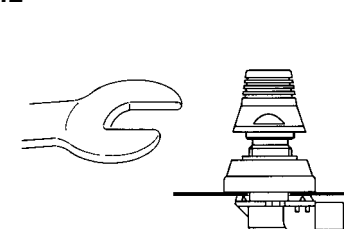
**The ring nut B is tightened correctly, if the upper edge of part A is at the same height as the inner thread-bolt**

### Mounting from the inside

#### 2.1



#### 2.2



**2.1** Drill a 14 mm hole, deburr it and protect against corrosion. Loose part **B** and use the item **E**.

Insert from below part **F** into the hole up to the stop.

**2.2** Push part **A, B** and **E** from above and screw them on with a 20 mm open-end wrench.

**Part B is tightened correctly, if the upper edge of part A is at the same height as the inner thread-bolt.**