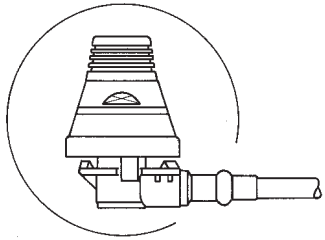
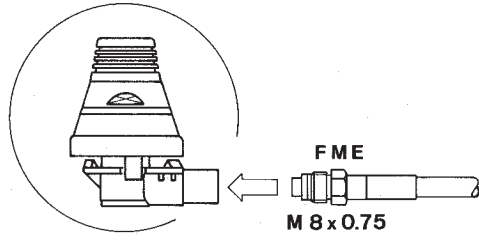


ALTERNATIVE CABLE CONNECTION



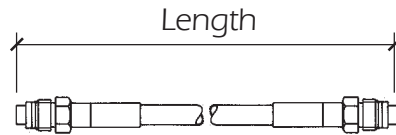
"ML" base with 5m cable



"ML" base with FME connection

OPTIONAL SPARE CABLES

(only "ML" with FME connection)

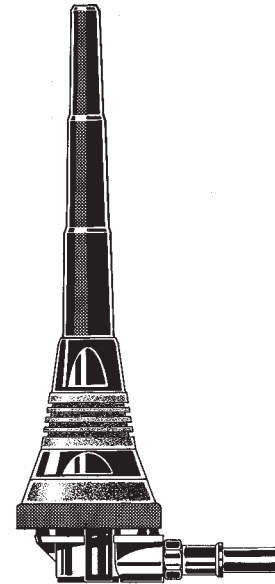


- P/N 2510305.00 **0.5 m** RG 58 C/U cable + 2 FME
- P/N 2510405.00 **1.5 m** RG 58 C/U cable + 2 FME
- P/N 2510505.00 **3.5 m** RG 58 C/U cable + 2 FME
- P/N 2510605.00 **5.0 m** RG 58 C/U cable + 2 FME

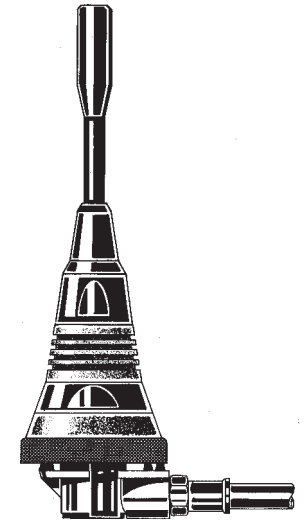
SKA 900 1/4

SKA 901 1/4

UHF Mobile Antennas 824-960 MHz



SKA 900 1/4



SKA 901 1/4

Installation Manual

DESCRIPTION

1/4 λ vehicular antennas specially conceived for CELLULAR systems working on 900 MHz. The whip and all the metallic components are made of brass completely black chromed. They are supplied with "ML" (Micro Line) mount of reduced dimensions for a handy installation on the vehicle and 5m cable RG 58 C/U with FME connector. Both models are also available without cable and with FME connector directly assembled on the base.

SPECIFICATIONS

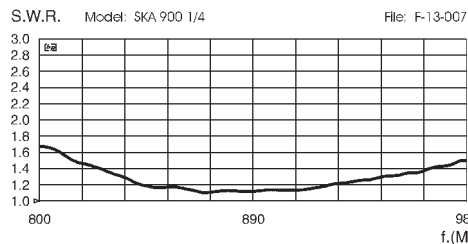
Electrical Data

Type	:	1/4 λ
Frequency Range	:	824-960 MHz (for AMPS, TACS and GSM systems)
Impedance	:	50 Ω Unbalanced
Radiation	:	Omnidirectional
Polarization	:	Vertical
Gain	:	0 dB ref. to a $\lambda/4$ whip
V.S.W.R. in bandwidth	:	$\leq 1.8 : 1$
Max Power	:	30 Watts (CW) at 50° C
Feed System / Position	:	Direct / Base
Standard Mount	:	"ML"
Cable Length / Type	:	5 m / RG 58

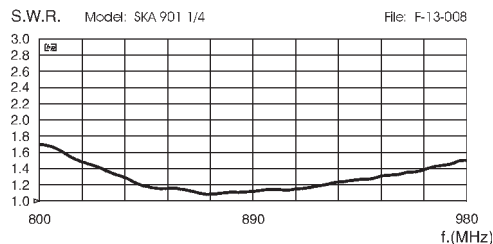
Mechanical Data

Materials	:	Chromed Brass, Zinc, Nylon, Rubber
Height (approx.)	:	
SKA 900 1/4	:	89 mm
SKA 901 1/4	:	85 mm
Weight (approx.)	:	250 gr
Mounting Hole	:	\varnothing 14 or 18 mm

TYPICAL S.W.R. RESPONSE



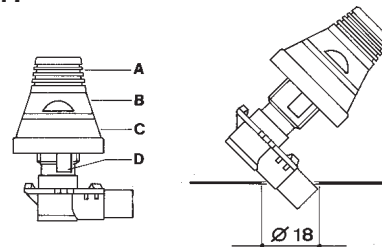
TYPICAL S.W.R. RESPONSE



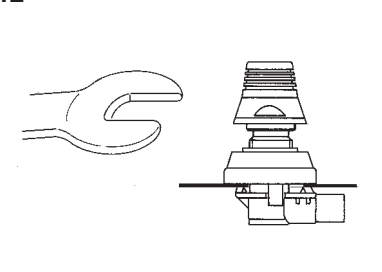
MOUNTING INSTRUCTIONS

Mounting from the outside

1.1



1.2



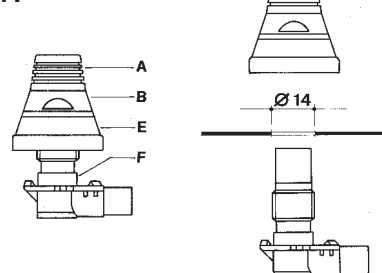
1.1 Drill a 18 mm hole, deburr it and protect it against corrosion. Loose part **B**, push it upwards together with part **C** and hold it tightly.

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.

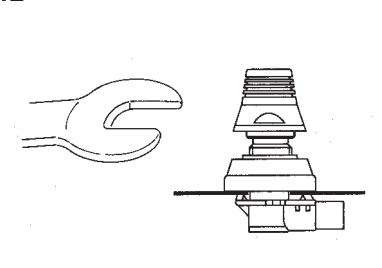
The ring nut B is tightened correctly, if the upper edge of part A is at the same height as the inner thread-bolt

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.