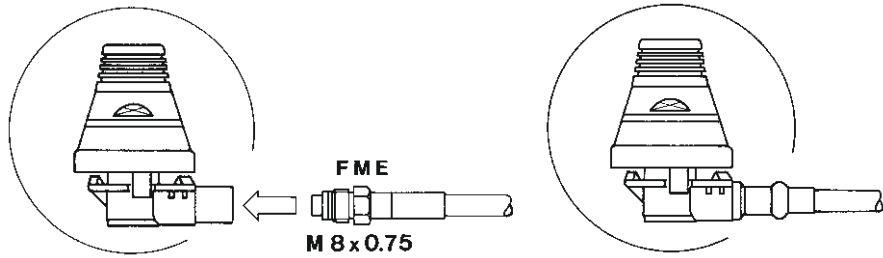


ALTERNATIVE CABLE CONNECTION



"ML" base with 5m cable

"ML" base with FME connection

SKA 901 C

UHF Mobile Antennas 870-960 MHz



Installation Manual

DESCRIPTION

Colinear vehicular antennas specially conceived for CELLULAR systems working on 900 MHz. SKA 901 C is made of black chromed 17/7 PH stainless steel whip. 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. This models is also available without cable and with FME connector directly assembled on the base.

SPECIFICATIONS

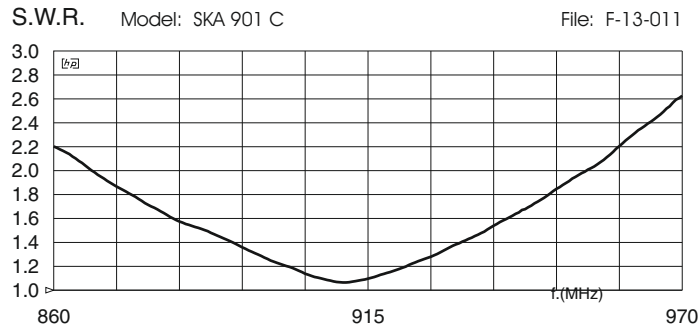
Electrical Data

Type	: $1/4 \lambda + 5/8 \lambda$ Colinear Antenna
Frequency Range	: 880-960 MHz
Impedance	: 50Ω Unbalanced
Radiation	: Omnidirectional
Polarization	: Linear Vertical
Gain	: 3.5 dB ref. to a $\lambda/4$ whip
Bandwidth @ SWR ≤ 2.0	: ≥ 90 MHz
SWR @ res. freq.	: $\leq 1.2 : 1$
Max Power	: 30 Watts (CW)
Feed System / Position hole	: Direct / Base
Standard Mount	: "ML" UHF

Mechanical Data

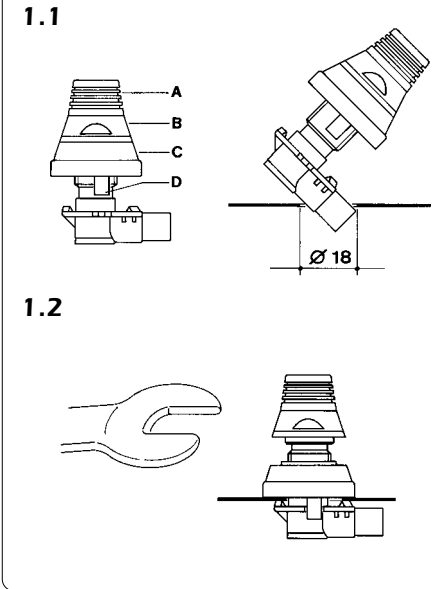
Materials	: Chromed Brass, Stainless Steel, Rubber
Height (approx.)	: 330 mm (13 in)
Weight (approx.)	: 280 gr (0.6 lb)
Mounting Hole	: $\varnothing 14$ mm (0.55 in) or $\varnothing 18$ mm (0.7 in)

TYPICAL S.W.R. RESPONSE



MOUNTING INSTRUCTIONS

Mounting from the outside

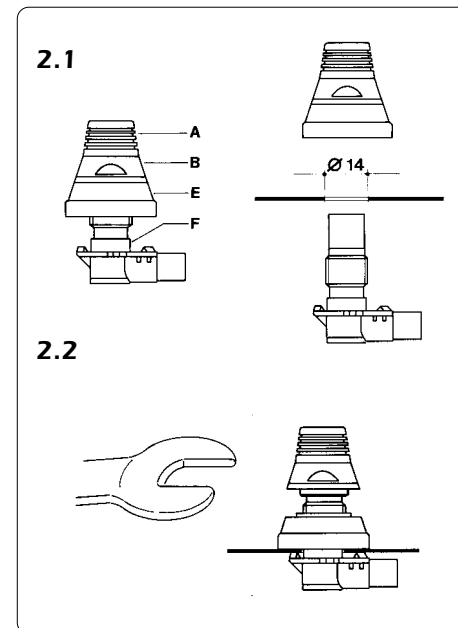


1.1 Drill a 18 mm hole, deburr it and protect it against corrosion. Unscrew part **B** push it upwards together with part **C** and hold it tightly.

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 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.