

# MU 901-LX/...

0 dB Mobile Antenna  
for the 900 MHz Band

PROCOM



## DESCRIPTION:

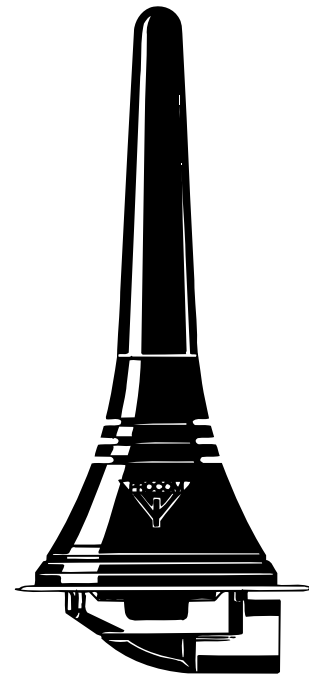
- ★ 0 dB mobile antenna for the 900 MHz band.
- ★ Black-chromed whip in nice, discrete design.
- ★ Type MU 901-LX/l covers 820–905 MHz (e.g. for the EAMPS cellular system).  
Type MU 901-LX/h covers 870–960 MHz (e.g. for the ETACS, NMT-900 and EGSM cellular systems).
- ★ Stainless steel LX-mount – professional quality in elegant and smooth design.
- ★ Especially suited for roof-mounting.
- ★ Provided with FME-connection (supplied without cable).
- ★ Bendable section in mount for adjustment of whip (tiltable 15° by hand).
- ★ Installation with access from the outside only (requiring an 18 mm dia. hole).

## ORDERING DESIGNATIONS:

FREQ. RANGE	TYPE NO.
820–905 MHz (EAMPS)	MU 901-LX/l
870–960 MHz (EGSM, NMT-900, ETACS)	MU 901-LX/h

## SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	1/4 $\lambda$ mobile antenna
FREQUENCY	900 MHz band covered by two models
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	Approx. 0 dB (acc. to EIA RS-329)
BANDWIDTH	$\geq 90$ at SWR $\leq 1.75$ $\geq 180$ at SWR $\leq 2.0$
SWR	$\leq 1.5$ at f. res.
MAX. POWER	60 watt
MECHANICAL	
MATERIALS	Whip: Black-chromed brass Mount: Stainless steel Brass Environment-proof plastics
RECOMMENDED INSTALLATION TORQUE	3.5 Nm max.
CABLE	FME-cable to be ordered separately
COLOUR	Black
HEIGHT	Approx. 80 mm
WEIGHT	Approx. 50 g
MOUNTING	18 mm dia. hole



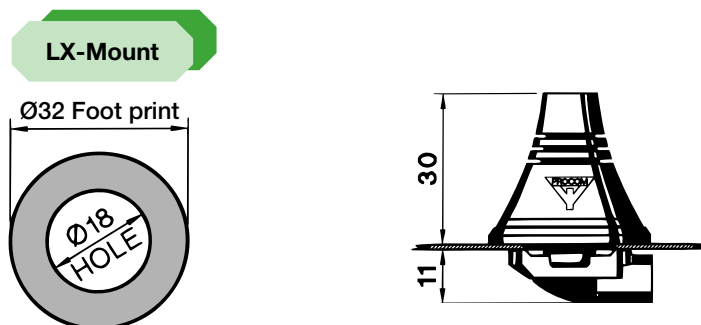
# MU 901-LX/...

## Installation and Tuning

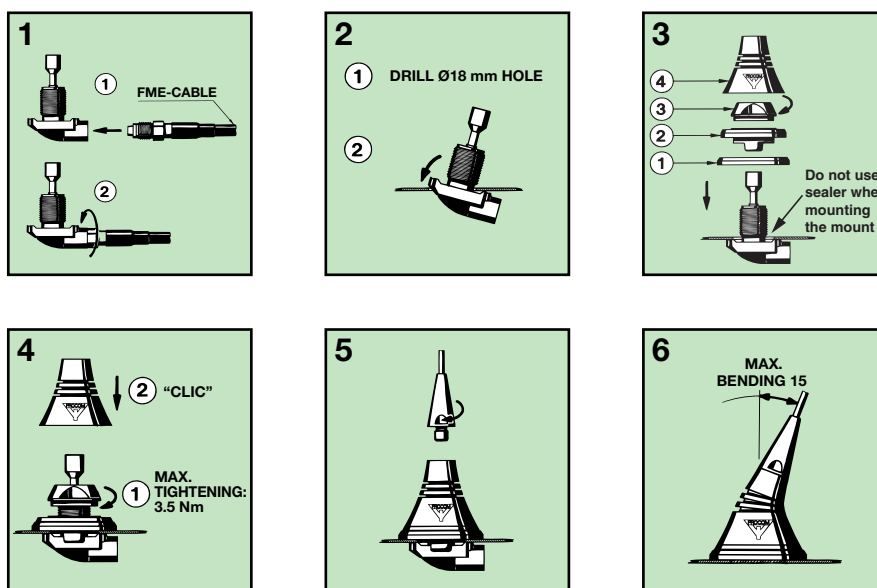


The LX-mount is especially suited for roof-mounting. It is recommended to mount the antenna at the centre of the roof to ensure the best omnidirectional coverage. Mounting can take place in an 18 mm dia. hole with access from the outside only. When cleaning the car in car-washing machines, the whip should be removed. After wash, the whip is refitted and tightened lightly.

### 1. INSTALLATION DIMENSIONS:



### 2. INSTALLATION STEPS:



**PLEASE NOTE:** When tightening the revolving nut (see picture 4), special care must be taken to keep the spanner in the correct position.

### 3. TUNING:

The antenna is delivered factory-tuned and requires no further tuning.