Colinear 3 dB Mobile Antenna for the1800 MHz Band

DESCRIPTION

- Mobile antenna for the 1800 MHz cellular systems (DCS-1800/PCN).
- Colinear, stainless steel whip.
- 3 dB gain compared to a ¼ λ whip.
- 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

Type	Product No.
MU 1804-LX	130001269

SPECIFICATIONS

Electrical	
Model	MU 1804-LX
Frequency	1800 MHz band (1700 - 1900 MHz)
Antenna Type	Collinear mobile antenna
Polarisation	Vertical
Impedance	50 Ω
Maximum Input Power	25 W
Gain (EIA RS-329-1)	3 dB

Mechanical	
Materials	Whip: Black-chromed brass Black-chromed stainless steel Mount: Stainless steel Cu-nite brass Environment-proof plastics
Cable	FME-cable to be ordered separately
Installation Torque	3.5 Nm max.
Colour	Black
Height	170 mm / 6.69 in.
Weight	0.034 kg / 0.07 lb
Mounting	18 mm dia. hole

ADDITIONAL DATA

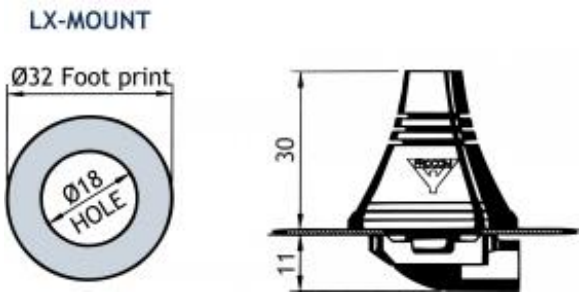
INSTALLATION

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.

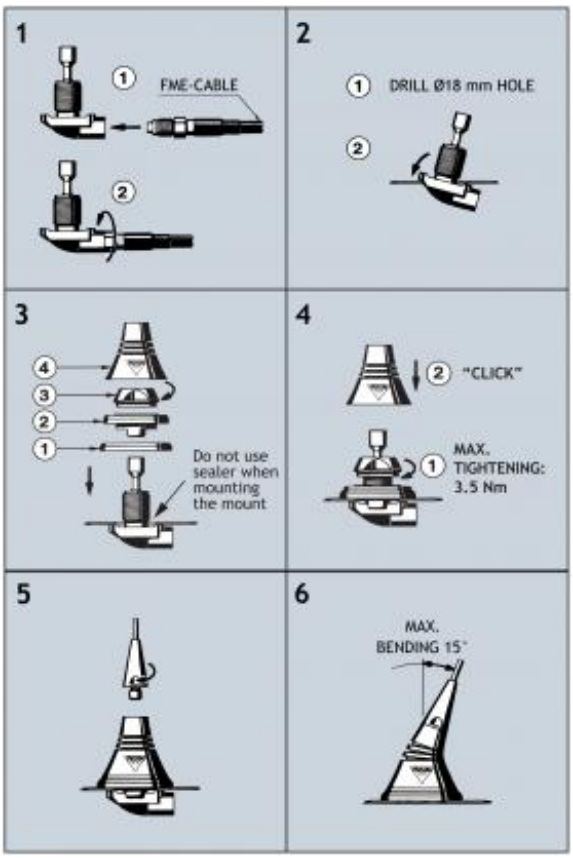
When cleaning the car in car-washing machines, the whip should be removed – a 9 mm fork spanner can be used. After wash, the whip is refitted and tightened lightly with the spanner.

The mount is equipped with a bendable section (±15°) to make it possible to adjust the antenna to an upright position.

1. INSTALLATION DIMENSIONS



2. INSTALLATION STEPS



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

3. TUNING

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

PROCOM A/S reserves the right to
amend specifications without prior notice