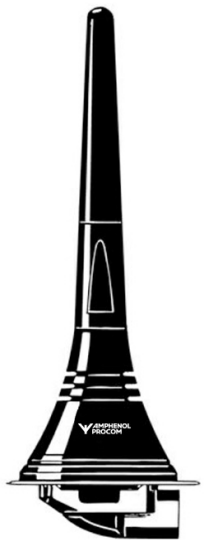
Dual-frequency Mobile Antenna for the 800 MHz and 2600 MHz Bands



DESCRIPTION

- Dual-frequency antenna – two bands – one antenna!
- Stainless steel LX-mount.
- Especially suited for roofmounting.
- 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).

SPECIFICATIONS

Electrical	
Model	MU 800/2600-LX
Frequency	790 - 862 MHz and 2500 - 2690 MHz
Antenna Type	Dual-frequency mobile antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
VSWR	≤ 2.0 @ f. res.
Bandwidth	800 MHz : > 50 MHz @ VSWR = 2.0:1 2600 MHz : > 200 MHz @ VSWR = 2.5:1 (typ.)
Gain (EIA RS-329-1)	0 dB

Mechanical	
Materials	Whip: Black cover POM Black-chromed brass Mount: Stainless steel Brass Environment-proof plastics
Cable	FME-cable to be ordered separately
Installation Torque	3.5 Nm max.
Colour	Black
Height	Approx. 93 mm / 3.66 in.
Weight	Approx. 0.033 kg / 0.07 lb.
Mounting	18 mm dia. hole

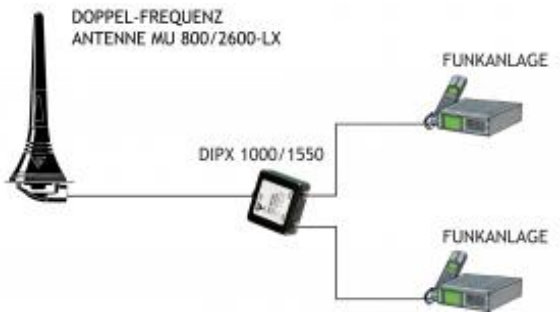
ORDERING

Model	Product No.
MU 800/2600-LX	130001525

OPERATION USING A DIPLEXER

In case of operating two transceivers on one antenna at the same time, a diplexer, type DIPX 1000/1550, is necessary to complete the system. The tasks of the diplexer are to protect the two receiver inputs from being destroyed by the transmitter in the contrary band and to ensure a low-loss path between the transceiver and the antenna, which is not loaded by the other branch. For further details please see the separate data sheet on the DIPX 1000/1550. The diplexer fully covers both bands and, consequently, tuning to specific frequencies is not required.

CONNECTION DIAGRAM

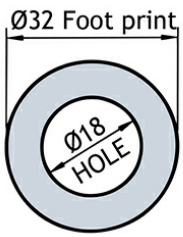


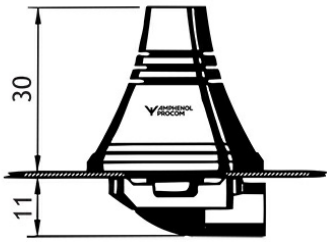
INSTALLATION

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.

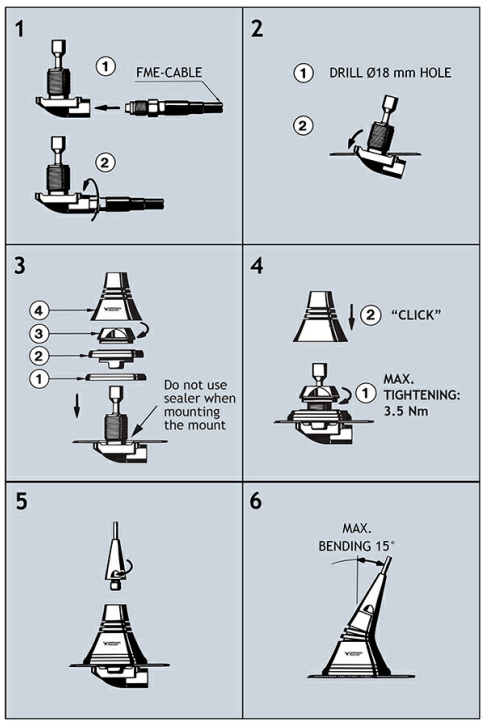
1. INSTALLATION DIMENSION

LX-MOUNT





2. INSTALLATION STEPS



Do not use sealer on rubber gasket or other places.

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