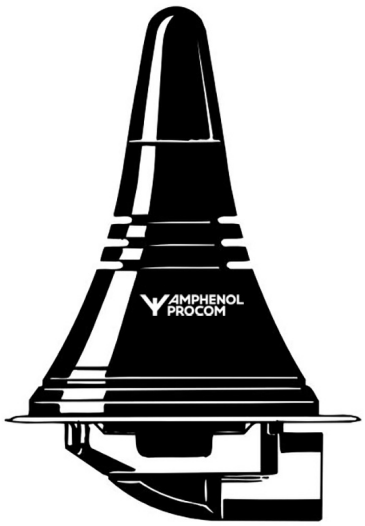
# 0 dB Mobile Antenna for the UMTS Band (1900 - 2200 MHz)




## DESCRIPTION

- Mobile antenna for the UMTS Band (1900 – 2200 MHz).
- Black-chromed whip in nice, discrete design.
- Approx. 0 dB gain.
- 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).

## SPECIFICATIONS

| Electrical | |
|---|---|
| Model | MU 2401/UMTS-LX |
| Frequency | UMTS band (1900 - 2200 MHz) |
| Antenna Type | ¼ λ mobile antenna |
| Max. Input Power | 25 W |
| Polarisation | Vertical |
| Impedance | 50 Ω |
| VSWR | ≤ 1.75 @ f. res. |
| Bandwidth | ≥ 200 MHz @ VSWR ≤ 2 |
| Gain (EIA RS-329-1) | 0 dB |

| Mechanical | |
|---|---|
| Materials | Whip :Black-chromed brass<br>Mount : Stainless steel<br>Cu-nite brass<br>Environment-proof plastics |
| Cable | FME-cable to be ordered separately |
| Installation Torque | 3.5 Nm max. |
| Colour | Black |
| Height | Approx. 400 mm / 15.75 in. |
| Weight | Approx. 0.03 kg / 0.07 lb. |
| Mounting | 18 mm dia. hole |

## ORDERING

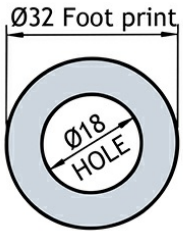
| Model | Product No. |
|---|---|
| MU 2401/UMTS-LX | 130001275 |

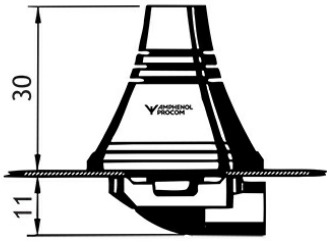
## INSTALLATION

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.

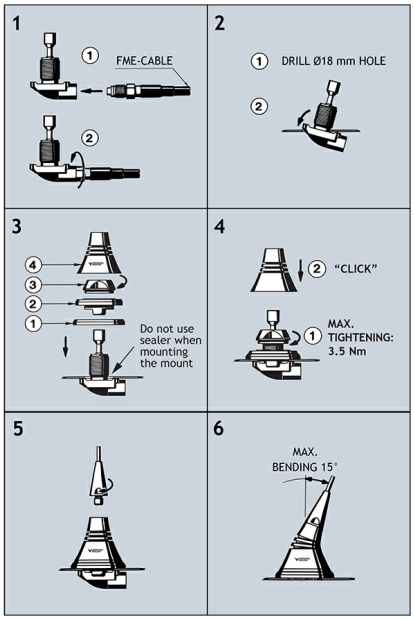
## 1. INSTALLATION DIMENSION

**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 be taken to keep the spanner in the correct position.

## 3. TUNING

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