

# MU 2401/UMTS-MMS

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

PROCOM



## DESCRIPTION:

- ★ Mobile antenna for the UMTS Band (1900–2200 MHz)
- ★ Black-chromed whip in nice, discrete design.
- ★ Approx. 0 dB gain.
- ★ MMS-mount – professional quality in elegant and smooth design.
- ★ Low profile magnetic mount.
- ★ Provided with FME-connection (supplied without cable).



## SPECIFICATIONS:

ELECTRICAL	
MODEL	MU 2401/UMTS-MMS
ANTENNA TYPE	1/4 $\lambda$ mobile antenna
FREQUENCY	UMTS band (1900–2200 MHz)
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	Approx. 0 dB (acc. to EIA RS-329)
BANDWIDTH	$\geq 200$ MHz at SWR $\leq 2$
SWR	$\leq 1.75$ at f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Whip: Black-chromed brass Mount: Black-chromed brass and steel Silicone layer on contact surface All materials are chosen to avoid corrosion
CABLE	FME-cable to be ordered separately
COLOUR	Black
HEIGHT	Approx. 60 mm
WEIGHT	Approx. 250 g
MOUNTING	Centre of vehicle roof for best omnidirectional coverage
MAX. CAR SPEED	140 km/h

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

# MU 2401/UMTS-MMS

## Installation

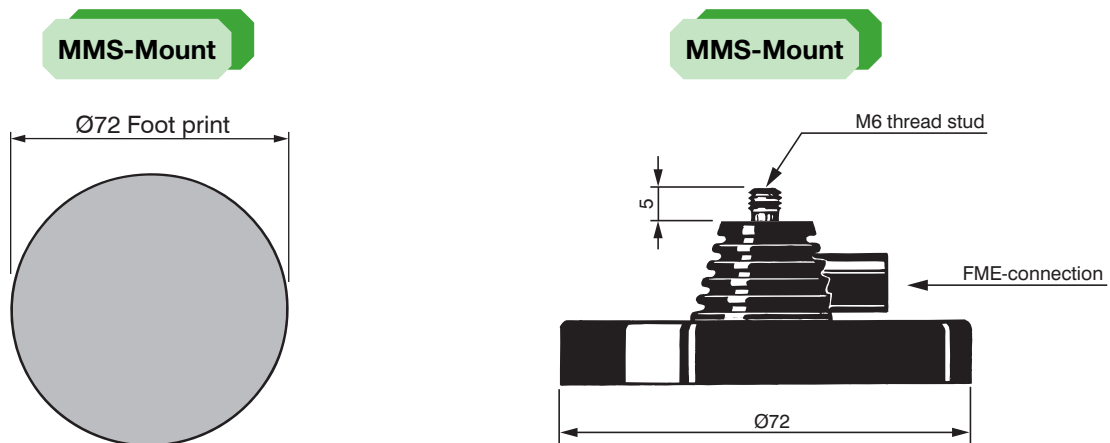


The MU 2401/UMTS-MMS should be mounted at the centre of the vehicle roof to ensure best omnidirectional coverage.

The MMS-mount is especially suited for temporary antenna installations where it is not desirable to drill a hole in the vehicle. The magnetic mount can advantageously serve several vehicles by shifting it from one vehicle to another. The MMS-mount is provided with a thoroughly magnetized permanent ring magnet positioned in a carefully shaped magnetic circuit which yields an extraordinarily high attaching effect and makes this mount stand for very high values of bending moment and mechanical shock.

A silicone layer applied to the contact surface protects the car roof and ensures maximum friction.

### 1. INSTALLATION DIMENSIONS:



### 2. TUNING:

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

#### PLEASE NOTE:

For safety reasons:

1. When using the MU 2401/UMTS-MMS car speed must not exceed 140 km/h.