

MU 2404/UMTS-MMS

Colinear 2 dB Mobile Magnetic Antenna
for the UMTS Band

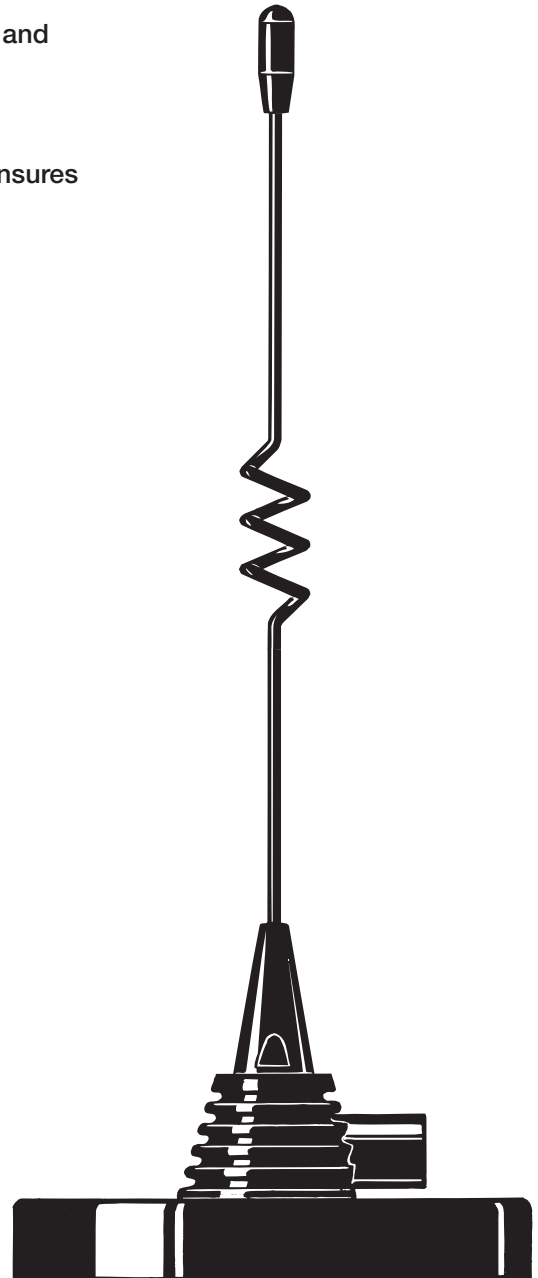
PROCOM

DESCRIPTION:

- ★ Mobile magnetic antenna for the UMTS band (1900-2200 MHz).
- ★ Colinear, stainless steel whip.
- ★ 2 dB gain compared to a $1/4 \lambda$ whip.
- ★ Stainless steel MMS-mount - professional quality in elegant and smooth design.
- ★ Low profile magnetic mount.
- ★ Provided with FME-connection (supplied without cable).
- ★ Silicone layer on contact surface protects the car roof and ensures maximum friction.

SPECIFICATIONS:

ELECTRICAL	
MODEL	MU 2404/UMTS-MMS
ANTENNA TYPE	Colinear magnetic mobile whip antenna
FREQUENCY	UMTS band (1900-2200 MHz)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	2 dB (acc. to EIA RS-329-1)
BANDWIDTH	≥ 200 MHz @ SWR ≤ 2.25
SWR	≤ 2.0 @ f.res.
MAX. POWER	25 watts
MECHANICAL	
MATERIALS	Whip: Black-chromed, stainless steel 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. 190 mm
WEIGHT	Approx. 255 g
MOUNTING	Centre of vehicle roof for best omnidirectional coverage
MAX. CAR SPEED	170 km/h



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Installation

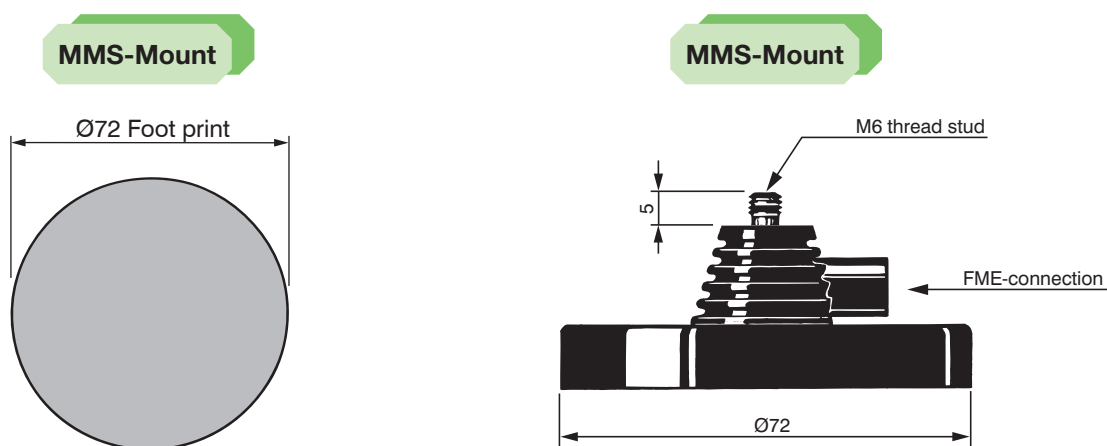


The MU 2404/UMTS-MMS should be mounted at the centre of the vehicle roof to ensure best omnidirectional coverage.

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 2404/UMTS-MMS car speed must not exceed 170 km/h.