

colinear 2 dB Mobile Magnetic Antenna for the UMTS Band

DESCRIPTION

- Mobile magnetic antenna for the UMTS band (1900 - 2200 MHz).  
Colinear, stainless steel whip.
- 2 dB gain compared to a ¼ λ 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.



ORDERING

Type	Product No.
MU 2404/UMTS-MMS	130001279

SPECIFICATIONS

Electrical	
Model	MU 2404/UMTS-MMS
Frequency	UMTS band (1900-2200 MHz)
Antenna Type	Colinear magnetic mobile whip antenna
Polarisation	Vertical
Impedance	50 Ω
VSWR	< 2.0 @ f.res.
Maximum Input Power	25 W
Bandwidth	> 200 MHz @ SWR < 2.25
Gain (EIA RS-329-1)	2 dB

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	190 mm / 7.48 in.
Weight	0.255 kg / 0.56 lb
Mounting	Centre of vehicle roof for best omnidirectional coverage
Maximum Car Speed	170 km/h

## ADDITIONAL DATA

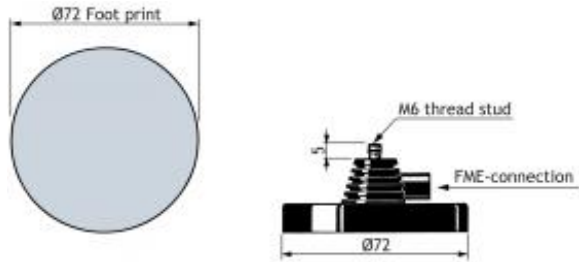
### INSTALLATION

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.

### INSTALLATION DIMENSIONS



### TUNING

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

### PLEASE NOTE

For safety reasons:  
When using the MU 2404/UMTS-MMS car speed must not exceed 170 km/h.