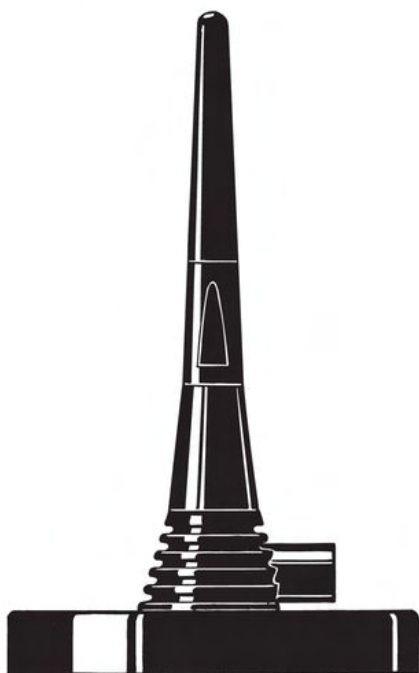


# MU 800/900/1800/2100/2600- MMS

Multi-frequency Mobile Antenna for the 800 MHz, 900 MHz, 1800 MHz, 2100 MHz and 2600 MHz Bands

## DESCRIPTION

- Multi-frequency antenna – multi bands – one antenna!
- Stainless steel MMS-mount.
- Low profile magnetic mount.
- Provided with FME-connection (supplied without cable).



## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
MU 800/900/1800/2100/2600-MMS	130001561

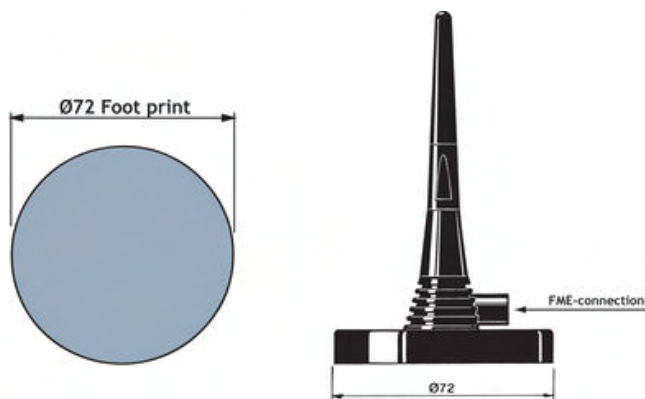
## SPECIFICATIONS

ELECTRICAL	
MODEL	MU 800/900/1800/2100/2600-MMS
ANTENNA TYPE	Multi-frequency mobile antenna
FREQUENCY	790 - 862 MHz 880 - 960 MHz (EGSM/NMT-900) 1710 - 1880 MHz (DCS-1800/PCN) 1900 - 2200 MHz (UMTS) and 2500 - 2690 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Vertical
GAIN	Approx. 0 dB on all bands (acc. to EIA RS-329-1)
BANDWIDTH	800 MHz: > 50 MHz @ SWR $\leq$ 2.0 900 MHz: > 40 MHz @ SWR $\leq$ 1.5 1800 MHz: Approx. 200 MHz @ SWR $\leq$ 2.0 (typ.) 1900 - 2200 MHz @ SWR $\leq$ 2.0 (typ.) and 2600 MHz: > 200 MHz @ SWR $\leq$ 2.5 (typ.)
SWR	$\leq$ 3.0
MAX. POWER	15 W
MECHANICAL	
MATERIALS	<b>Whip:</b> Black cover POM Black-chromed brass <b>Mount:</b> Stainless steel Brass Weather- and shockproof plastics
CABLE	FME-cable to be ordered separately
COLOUR	Black
HEIGHT	115 mm
WEIGHT	Approx. 300 g
MOUNTING	Centre of vehicle roof for best omnidirectional coverage
MAX. CAR SPEED	180 km/h

## INSTALLATION

The MU 800/900/1800/2100/2600-MMS should be mounted at the centre of the vehicle roof to ensure best omnidirectional coverage. The MiniMag (MMS) magnetic 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 MiniMag (MMS) 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:

When using the MU 800/900/1800/2100/2600-MMS, car speed must not exceed 180 km/h.



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

25/11/2010