

Miniature Magnetic Mount for Mobile Antenna Whips

DESCRIPTION

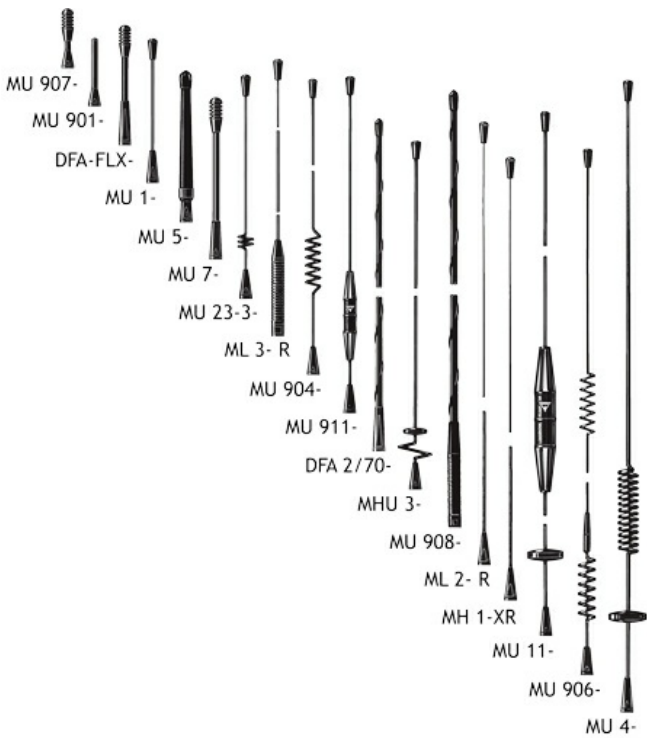
- Small, low-profile magnetic mount intended to carry short mobile antenna whips (height below 60 cm).
- Full compatibility with the X-mount, i.e. all X-type whips can be used on the MM-Mount.
- Provided with FME connecting system (FME-cable must be ordered separately).
- Silicone layer on contact surface protects the car roof and ensures maximum friction.



SPECIFICATIONS

| Electrical      |                                                                              |
|-----------------|------------------------------------------------------------------------------|
| Frequency       | 135 - 1000 MHz                                                               |
| Application     | Magnetic mount for all X-type mobile antenna whips shorter than 60 cm        |
| Mechanical      |                                                                              |
| Connection(s)   | FME system                                                                   |
| Materials       | Black chromed brass, Environment-proof plastics, Electrostatic powder laquer |
| Colour          | Black                                                                        |
| Dimensions      | Total height : Approx. 59 mm / 2.32 in.<br>Diameter : 72 mm / 2.83 in.       |
| Whip Connection | M6 thread stud                                                               |
| Weight          | Approx. 0.27 kg / 0.60 lb.                                                   |
| Mounting        | Centre of vehicle roof for best omnidirectional coverage                     |
| Max. Car Speed  | Depending on whip height. See curve below                                    |

A SELECTION OF THE VARIOUS WHIPS WHICH CAN BE CONNECTED TO THE MM-MOUNT - MINIMAG (ALL SHORTER THAN 60 CM)



## ORDERING

| Model                                        | Product No. |
|----------------------------------------------|-------------|
| MM-Mount - MiniMag                           | 130000351   |
| <b>Accessories FME-Cables</b>                |             |
| 1 m FME(f) to FME(f) cable                   | 130000437   |
| 2 m FME(f) to FME(f) cable                   | 130000447   |
| 3 m FME(f) to FME(f) cable                   | 130000457   |
| 4 m FME(f) to FME(f) cable                   | 130000466   |
| 5 m FME(f) to FME(f) cable                   | 130000474   |
| 6 m FME(f) to FME(f) cable                   | 130000483   |
| 4 m FME(f) to FME(f) cable, white            | 110000064   |
| 6 m FME(f) to FME(f) cable, white            | 110000066   |
| 12 m FME(f) to FME(f) cable, white           | 110000068   |
| 18 m FME(f) to FME(f) cable, white           | 110000069   |
| <b>Accessories FME-Connectors</b>            |             |
| FME(f)-FME(f) Connector Adaptor              | 130000583   |
| FME(m)-P(m) (Prolongation) Connector Adaptor | 130000565   |
| FME(m)-N(m) Connector Adaptor                | 130000571   |
| FME(m)-SMA(f) Connector Adaptor              | 130000578   |
| FME(m)-BNC(m) Connector Adaptor              | 130000566   |
| FME(m)-TNC(m) Connector Adaptor              | 130000569   |
| FME(m)-UHF(m) Connector Adaptor              | 130000572   |
| FME(m)-MiniUHF(m) Connector Adaptor          | 130000573   |
| FME(m)-MiniUHF(m)(Elbow) Connector Adaptor   | 130000582   |
| FME(m)-BNC(m)(Elbow) Connector Adaptor       | 130000580   |
| FME(m)-TNC(m)(Elbow) Connector Adaptor       | 130000581   |
| FME(m)-SMA(m) Connector Adaptor              | 130000577   |

## FME-SYSTEM ACCESSORIES - NOTE

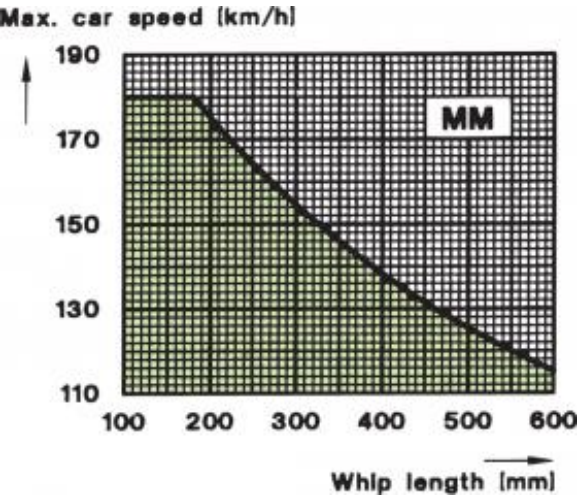
For further information about other types of FME-cables and FME-connectors, please compare the cable and connector data sheets under accessories in our catalogue.

## ORDERING DESIGNATION NOTE

| ORDERING                         |                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Generally                        | Order this magnetic base by simply asking for MM-Mount. (FME-cable and FME-connector are ordered separately).                                                                                                                             |
| Complete antennas can be ordered | —by ordering X-type whips and MM separately, or<br>—by coding MM-Mount into the antenna designation. (In this case please consult the X-mount leaflet for the particular whip type in question to check if the combination is available). |

USING THE MINIMAG – MM-MOUNT

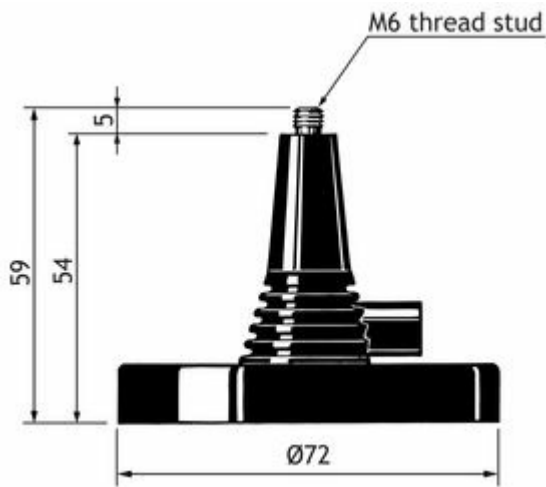
This magnetic mount is used to make an occasional antenna installation where it is not desirable to drill holes in the vehicle. A magnetic mount can advantageously serve several vehicles by shifting it from one vehicle to another. The MiniMag is provided with a thoroughly magnetized permanent ring magnet 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 whole contact surface protects the car roof and ensures maximum friction.



INSTALLATION

The magnetic mount should be mounted in the middle of the vehicle roof or rear locker to produce best omnidirectional coverage.

| TUNING        |                                                                                                                                                |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Below 400 MHz | Use the cutting diagram for the corresponding X-mount model using the same type of whip as a guide while using an VSWR-meter to tune the whip. |
| Above 400 MHz | Whips tuned by cutting: Use an VSWR-meter.<br>Whips tuned with disc: Adjustment diagram accompanies the antenna.                               |



PLEASE NOTE

For safety reasons:  
Do not operate the MiniMag with antenna whips longer than 60 cm. Please respect the maximum car speed limit corresponding to a particular whip length as appears from the curve on page 1 of this leaflet.

