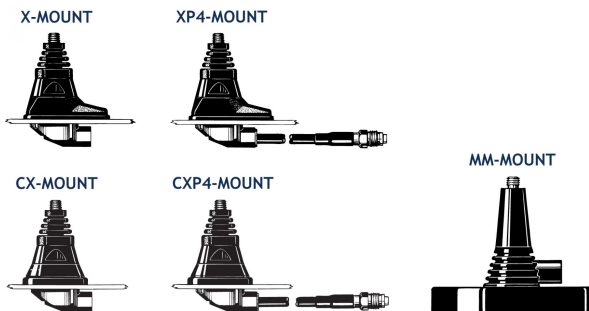
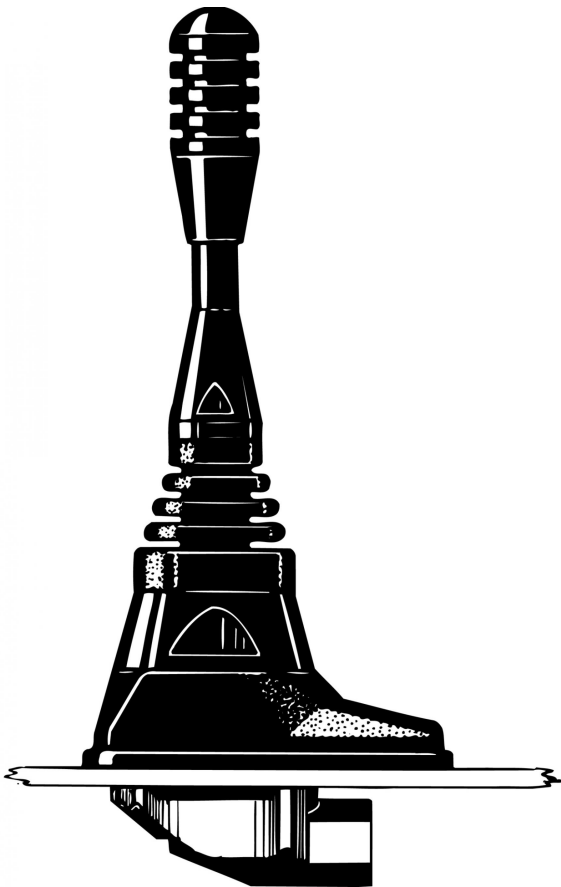


MU 907-X/...

Unity Gain $\frac{1}{4}$ λ Mobile Antenna for the 900 MHz Band

DESCRIPTION

- Silicone covered flexible steel wire whip.
- Type MU 907-X/l covers 820 – 905 MHz (e.g. for EAMPS).
- Type MU 907-X/h covers 870 – 960 MHz (e.g. for ETACS, NMT-900 and EGSM).
- Stainless steel X-mount with M6-thread whip-fastening system.
- Simple mounting exclusively with access from the outside.
- Models available with X-mount (oblong), CX-mount (circular) and MM-mount (magnetic).
- Choice between two connection principles:
 - X-mount, MM-mount: FME-connection (supplied without cable).
 - XP4-mount: Permanently attached 4 m low loss cable terminated with FME-connector.



ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY	MOUNT VERSION
MU 907-X/l	130001210	820 - 905 MHz	X-mount (oblong) with FME-system
MU 907-X/h	130001206	870 - 960 MHz	Same mount as above
MU 907-CX/l	130001211	820 - 905 MHz	CX-mount (circular) with FME-system
MU 907-CX/h	130001207	870 - 960 MHz	Same mount as above
MU 907-XP4/l	130001212	820 - 905 MHz	XP4-mount (oblong) with 4 m cable + FME-system
MU 907-XP4/h	130001208	870 - 960 MHz	Same mount as above
MU 907-CXP4/l	130001213	820 - 905 MHz	CXP4-mount (circular) with 4 m cable + FME-system
MU 907-CXP4/h	130001209	870 - 960 MHz	Same mount as above
MU 907-MM/l	130001214	820 - 905 MHz	MM-mount (magnetic) with FME-system
MU 907-MM/h	130001215	870 - 960 MHz	Same mount as above

SPECIFICATIONS

ELECTRICAL	
MODEL	MU 907-X...
ANTENNA TYPE	$\frac{1}{4}$ λ mobile antenna
FREQUENCY	900 MHz-band covered by two models
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	0 dB (acc. to EIA RS-329-1)
BANDWIDTH	> 100 MHz @ SWR \leq 1.5 > 180 MHz @ SWR \leq 2.0
SWR	\leq 1.2 @ f. res.
MAX. POWER	60 W
MECHANICAL	
MATERIALS	Whip: Steel wire covered with silicone tubing Black-chromed brass Mount: Black-chromed brass Weather- and shockproof plastics Stainless steel
RECOMMENDED INSTALLATION TORQUE	4 \pm 1 Nm
COLOUR	Black
HEIGHT	Approx. 84 mm
WEIGHT	X-version: Approx. 55 g XP4-version: Approx. 195 g MM-version: Approx. 270 g
MOUNTING	18 mm dia. hole

INSTALLATION

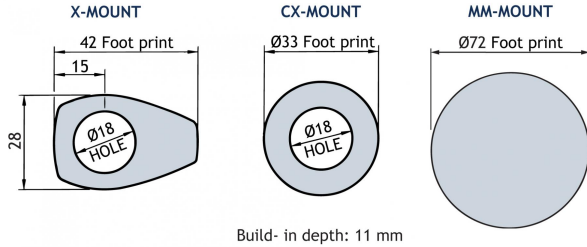
This antenna should be mounted on the car roof to ensure best omnidirectional coverage.

Mounting can take place exclusively with access from the outside when drilling an 18 mm dia. hole. Mounting can take place from the inside by drilling a 14 mm dia. hole. When mounting in a 14 mm dia. hole, remove the bottom plastic ring of the packing gasket with a sharp cutter.

When cleaning the car in car-washing machines, remove the whip using a spanner, size 9 mm. After wash, refit the whip and tighten it lightly with the spanner.

The MiniMag (abbreviated: MM) is a small, light-weight magnetic mount with a high attaching effect. A silicone layer applied to the contact surface protects the car roof and ensures maximum friction.

1. INSTALLATION DIMENSIONS:



3. TUNING:

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

PLEASE NOTE

For safety reasons

1. When using the MU 907-MM/..., car speed must not exceed 140 km/h.
2. If operating the MM-mount with other whips, whip length must never exceed 320 mm, and utilizing this maximum length, car speed must not exceed 115 km/h.



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.

27/02/14