

# HIRSCHMANN MOBILITY

## CELLULAR (2G/3G) Adhesive Antenna



**MCA 1890 MP/series**

Pt no.

**602-317-...**

- Easy interior windscreen mounting, self-adhesive
- Doesn't interfere the car design
- Small dimensions

Subject to alterations

### Technical data

Dimensions	Ø 57 mm / 2.25 in.		
Weight	45 g		
Temperature range	-40° C – + 80° C		
Protection class	IP50 (acc. IEC 60529)		
Cellular			
Frequency range	GSM 850:	824 - 894 MHz	
	GSM 900:	880 - 960 MHz	
	GSM 1800:	1710 - 1880 MHz	
	GSM 1900:	1850 - 1990 MHz	
	UMTS:	1920 - 2170 MHz	
Impedance	50 Ohm		
Gain	2.1 dBi*		
Return loss (VSWR)	< 2,0		
Load capacity	max.	8 W pulsed acc. GSM standard	
Cable type	RG 174		
Cable length and connectors	-002	2500 mm	FME female
	-003	2500 mm	SMA male

\* dBi: referenced to an isotropic radiator

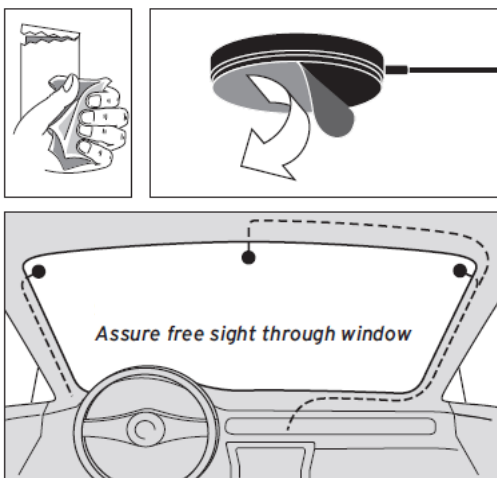
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### Technical drawings

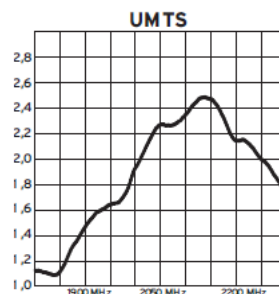
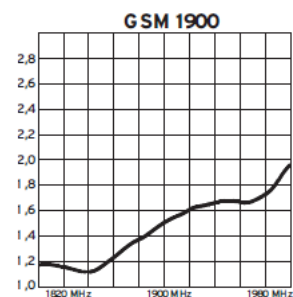
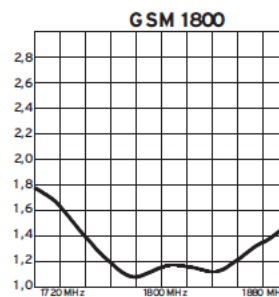
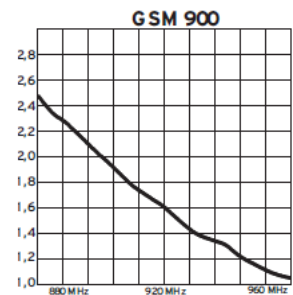
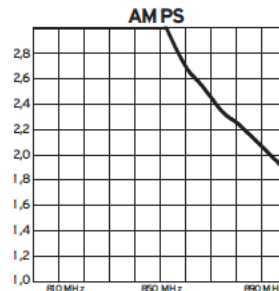


### Installation



### Antenna diagrams

#### Typical VSWR



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