



Datasheet

Roof Mount Antenna

MCA 18 90 80

Ord. code

921 746-003

Cellular

- Installation from inside and outside
- Removable mast



Subject to alterations

Technical data

Dimensions		Ø 33 mm x 89 mm / 1.29 x 3.50 In.
Weight		41 g / 1.45 oz
Temperature range		-40° C – + 80° C / -40° F – +176° F
Protection class		IP66 (acc. IEC 60529)
Cellular		
Frequency range		
Emission (TX) VSWR ≤ 1,5	AMPS:	824 – 894 MHz
	GSM 900:	880 – 915 MHz
	GSM 1800:	1710 – 1785 MHz
	GSM 1900:	1850 – 1910
	UMTS:	1900 – 2025 MHz
Reception (RX) VSWR ≤ 2,0	AMPS:	869 – 894 MHz
	GSM 900:	925 – 960 MHz
	GSM 1800:	1805 – 1880 MHz
	GSM 1900:	1930 – 1990 MHz
	UMTS:	2110 – 2170 MHz
Impedance (nominal)		50 ohms
Gain	GSM:	0 dB (5.1 dBi)
Load capacity	max.	8 W pulsed acc. GSM standard
Connector		FME male

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20440 Century Boulevard
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Germantown, MD 20874
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Fax +1-240-686-3589
E-mail: ant-sales@hirschmann-usa.com
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Datasheet

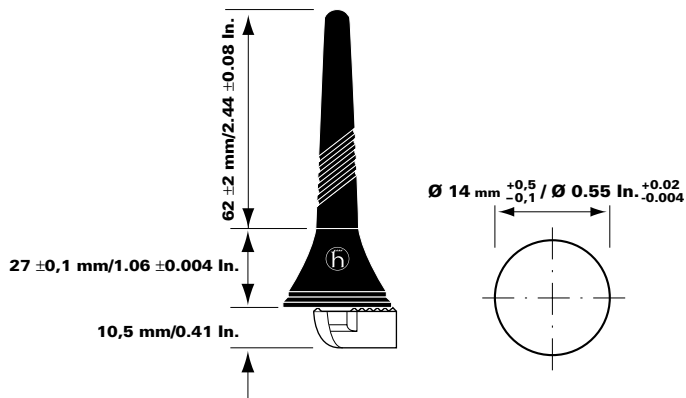
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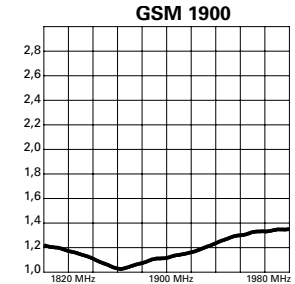
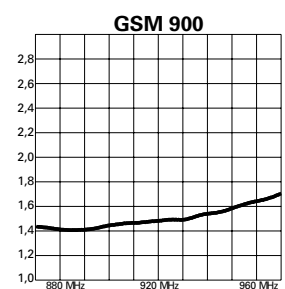
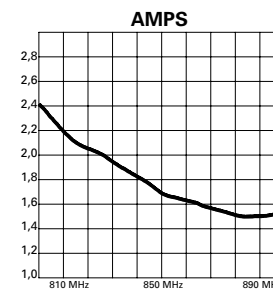
Subject to alterations

Technical drawings



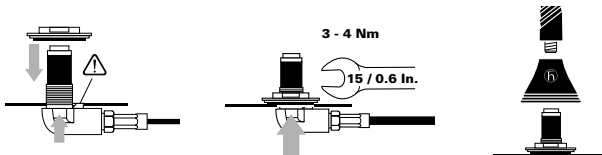
Antenna diagrams

Typical VSWR

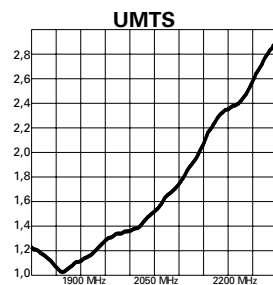
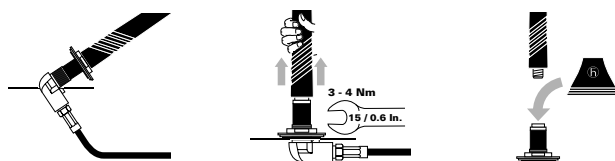


Installation

from below

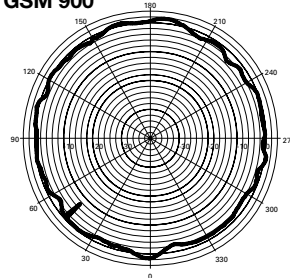


from outside



Typical radiation pattern (H-plane)

GSM 900



GSM 1800

