

HIRSCHMANN MOBILITY



CELLULAR (2G/3G)/ AM/FM (LW/MW/SW/ Band II) Screw Antenna

CR 8521 RD S
Pt no.
920-445-001

- Amplifier and duplexer are integrated into base
- Detachable anti-noise rod
- Road Vehicle Roof

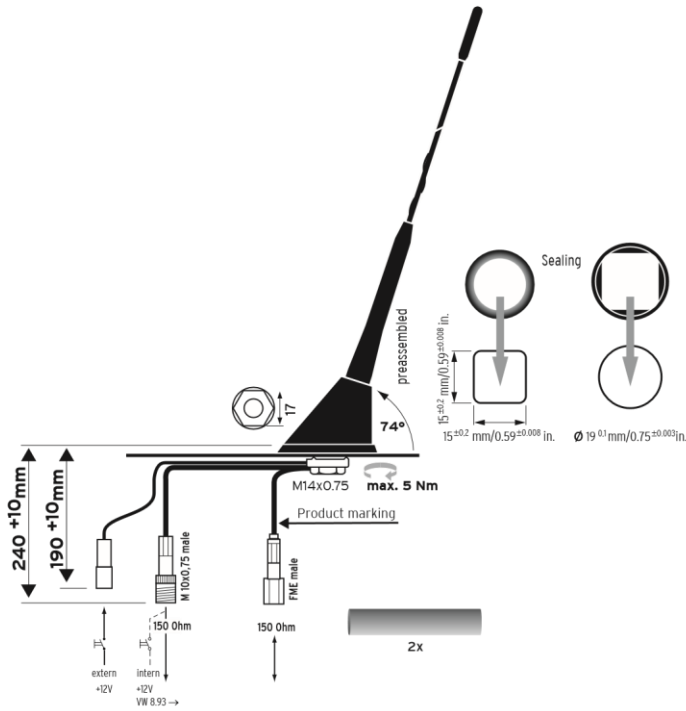
Subject to alterations

Technical data

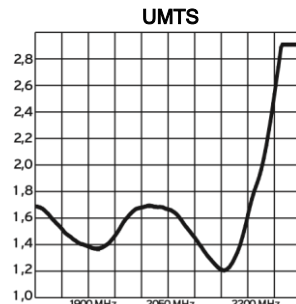
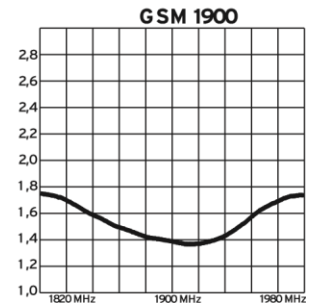
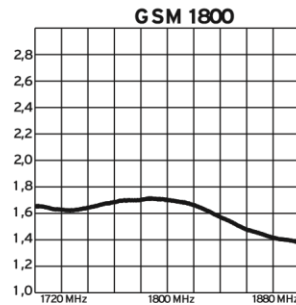
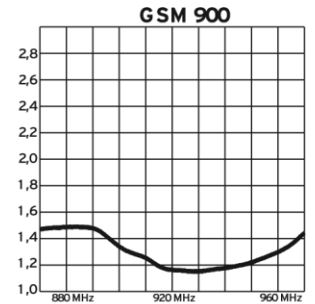
Dimensions	64 x 46 x 47 mm	
Rod length	400 mm	
Weight	ca. 116 g	
Tightening torque	max.	4 Nm
Temperature range	-40 – +85°C	
Protection class	IP6k9k (acc. ISO 20653)	
AM/FM		
Frequency range	AM:	0,15 - 16,2 MHz
	FM:	87 - 108 MHz
Impedance	150 Ohm	
Gain	AM:	10 dB
	FM:	6 dB
Voltage supply	12 VDC (9 - 16 VDC)	
Cable type	RG 174	
Cable length	AM/FM:	240 +10 mm
	Power:	190 +10 mm
Connector	AM/FM:	M 10 x 0,75 male
	Power:	2,8 mm blade terminal
Cellular		
Frequency range	GSM 850:	824 - 894 MHz
	GSM 900:	880 - 960 MHz
	GSM 1800:	1710 - 1880 MHz
	GSM 1900:	1850 - 1990 MHz
	UMTS:	920 - 2170 MHz
Impedance	50 Ohm	
Gain	0 dB	
Return loss	> 10 dB	
Transmitter power	max.	20 W pulsed acc. GSM standard
Cable type	RG 174	
Cable length	140 +10 mm	
Connector	FME male	

Subject to alterations

Technical drawings



Antenna diagrams
 Typ. VSWR



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