

Datasheet

CELLULAR(2G/3G) / AM/FM(LW/MW/SW/BandII) Antenna

CR 8521 RD S
 Pt no.
920 445-001

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



Subject to alterations

Technical data

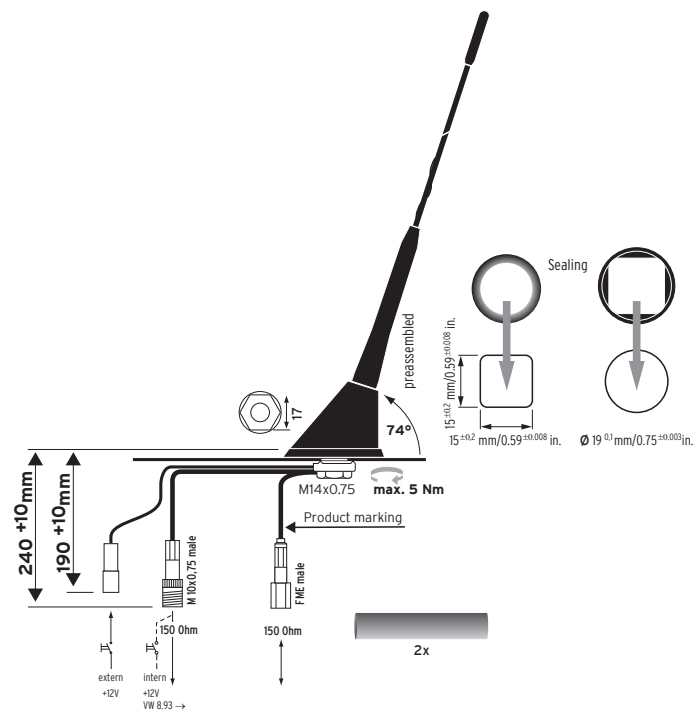
Dimensions	64 x 46 x 47 mm	
Rod length	400 mm	
Weight	ca. 116 g	
Tightening torque	max.	4 Nm
Temperature range	-40 - +85°C	
Protection class	IP6k9k (acc. ISO 20653)	
AM / FM		
Frequency range	AM: FM:	0,15 - 16,2 MHz 87 - 108 MHz
Impedance	150 Ohm	
Gain	AM: FM:	10 dB 6 dB
Voltage supply	12 VDC (9 - 16 VDC)	
Cable type	RG 174	
Cable length	AM/FM: Power:	240 +10 mm 190 +10 mm
Connector	AM/FM: Power:	M 10 x 0,75 male 2,8 mm blade terminal
CELLULAR		
Frequency range	GSM 850: GSM 900: GSM 1800: GSM 1900: UMTS:	824 - 894 MHz 880 - 960 MHz 1710 - 1880 MHz 1850 - 1990 MHz 1920 - 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	

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Technical drawings



Antenna diagrams

Typ. VSWR

