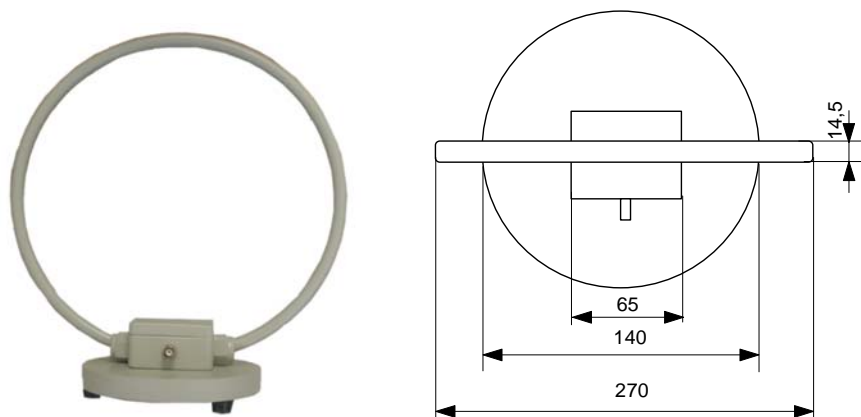


Single-winding coil antenna RAA 1

Order number: MAX 06010

The single-winding coil antenna for the time code generator ZZG can generate defined field strength in the inner area of the antenna to simulate the DCF77, MSF, WWVB and JJY time code senders.

Dimensions :



Technical characteristics:

Parameters	Symbol	min	typ	max	Unit
Operating temperature range	T	0		50	°C
Input resistance	R _i		390		Ohm
Diameter of the winding	D		240		mm
Weight				0,66	kg

Description:

- . The antenna is driven by a time code generator with a 50 Ohm generator impedance.
- . The main field strength in the center of the coil antenna is adjusted by the ZZG in a range from 1 µV/m to 10 V/m.
- . Within a radius of about 15 cm from the center of the antenna windings and till a distance of about 10 cm before the radial ends of the antenna the deviation of the field strength is max. 5%.

Field strength simulation:

