

Data sheet

S320-001 HF additional antenna



1 General description

The HF additional antenna is used when the transponder transmissions have to be transmitted over longer distances. This is mainly the case when large loop solutions are required to secure property boundaries.

The antenna is equipped with a coaxial cable (2.5 m, extendable to max. 10 m) and corresponding connection adapter and RFM module for the receiving unit (HF). Longer coaxial cables can also be manufactured on request E510-009.

2 Table data

Dimensions (WxH)	110 mm x 255 mm
Dimension mounting bracket	187 mm x 33 mm x 30 mm
Frequency band	868 MHz
Operating temperature	- 20 °C ... + 80 °C
Material	Aluminum
Material antenna rods	Chrome-plated brass
Coaxial cable	50 Ω 2.5 m Connection adapter E510-008

3 Connection procedure

When connecting the HF external antenna, the steps shown in the following figure must be carried out. The mounting height of the HF external antenna should be approx. 2 m.

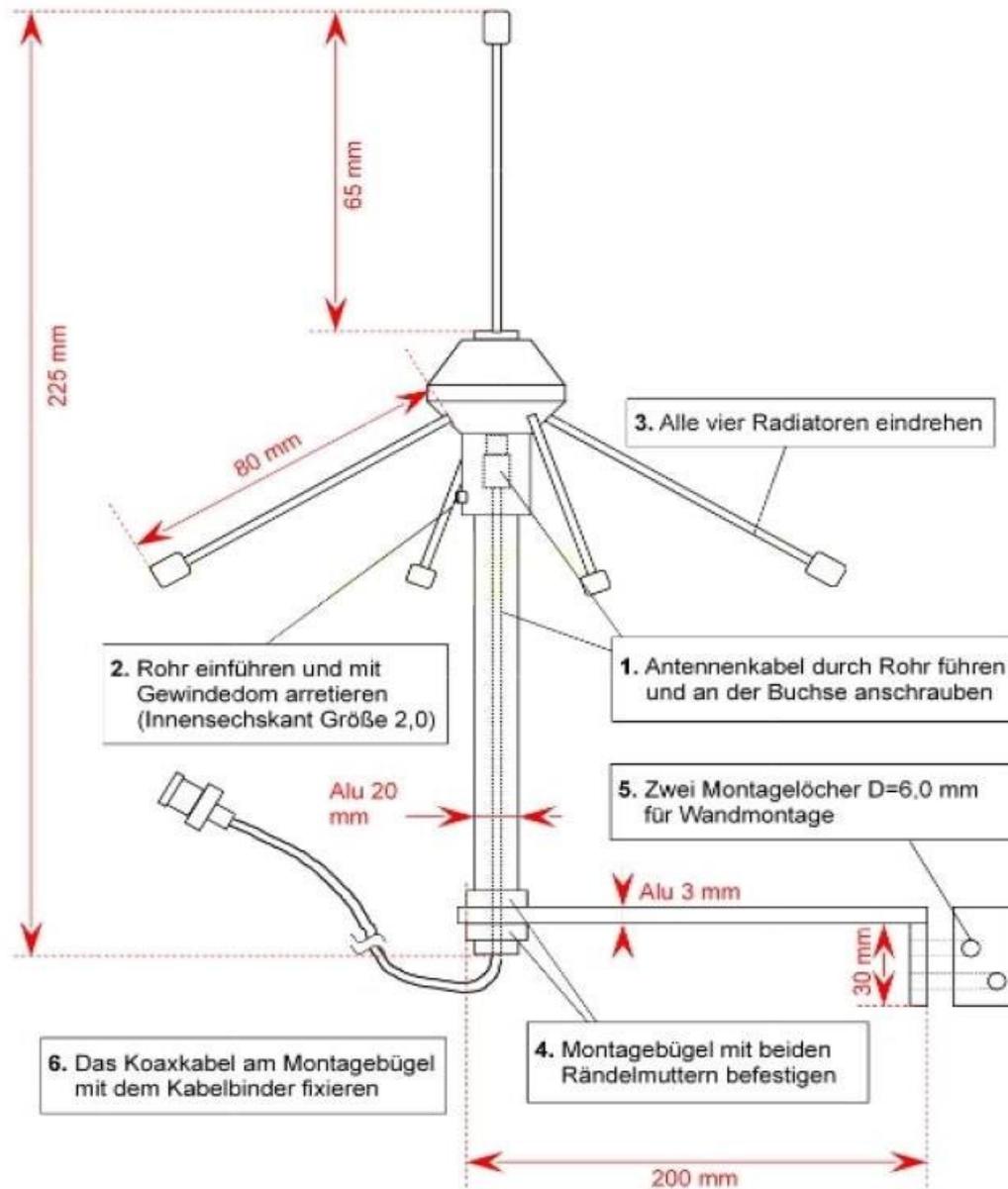
4 Installation instructions

To achieve the best possible signal transmission, there should always be a line of sight between the signal source and the receiving unit. Information on signal attenuation due to environmental influences can be found in the reference book mentioned below.



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