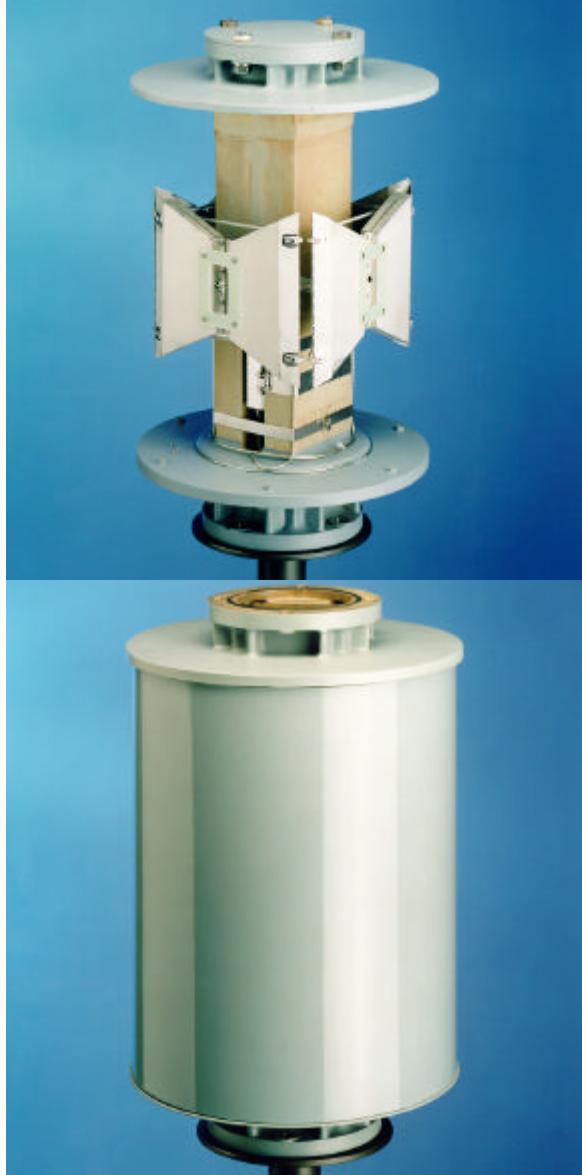


Omnidirectional Antenna HF214



Brief description

The Omnidirectional Receiving Antenna HF214 is designed for the reception of horizontally polarized signals. It is ideal for broadband detection and monitoring of RF signals in the frequency range 500 to 1300 MHz.

The compact broadband antenna is suitable for applications where the available space is limited. With a maximum diameter of 0.31 m and a height of 0.49 m it is ideal for use in mobile systems.

A compact omnidirectional receiving system for horizontally and vertically polarized electromagnetic waves in the frequency range 20 to 3000 MHz is obtained by combining HF214 with the antennas HE309, HE314A1 and HF902.

- Small size
- Rugged design
- Mobile use
- Easy integration into extremely broadband antenna systems

Specifications

Frequency range	500 to 1300 MHz
Polarization	horizontal
Impedance	50 Ω
VSWR	<3
Gain	0 dB (typ.)
Departure from circularity	± 3 dB
Connector	N female
Max. wind speed	188 km/h
with 30 mm radial ice accretion	130 km/h
Operating temperature	-40 to +65°C
Dimensions	
Diameter	310 mm
Height	492 mm
Weight	approx. 8 kg