

Omnidirectional Antenna HF902



Brief description

The Omnidirectional Receiving Antenna HF902 is designed for simultaneous reception of horizontally and vertically polarized waves. It is ideal for broadband detection and monitoring of RF signals in the frequency range 1.3 to 3 GHz. 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 HF902 with the antennas HE309, HE314A1 and HF214.

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

Specifications

Frequency range	1.3 to 3 GHz
with reduced data	1 to 1.3 GHz
Polarization	horizontal and vertical
Impedance	50 Ω
VSWR	<3
Gain	0 dB (typ.)
Connector	2 x 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