

R&S®HA230/403 HF Receiving Antenna

1.5 MHz to 30 MHz

Also for polarization-diversity reception



Features

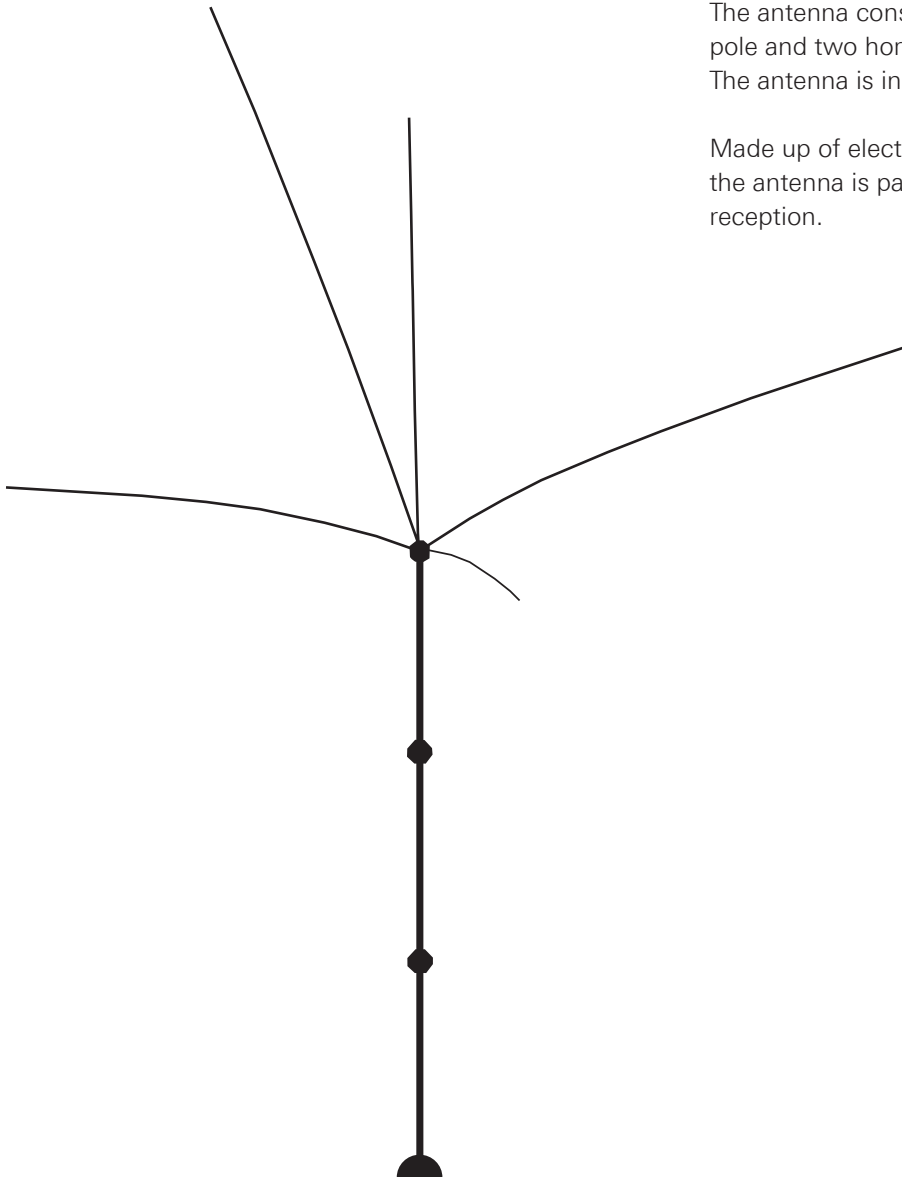
- Radiators for horizontal reception
- Radiator for vertical reception
- Individual radiators decoupled from each other
- Suitable for polarization-diversity reception

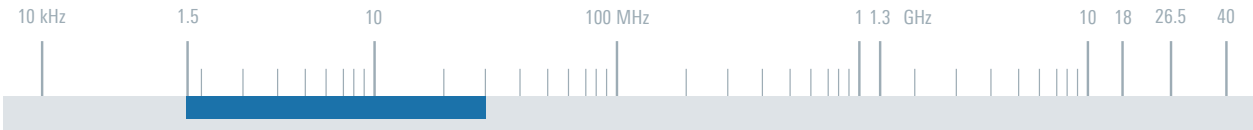
Brief description

The R&S®HA230/403 HF receiving antenna is a versatile shortwave antenna for both horizontally and vertically polarized waves.

The antenna consists of a mast head with a vertical monopole and two horizontal dipoles mounted at a 90° angle. The antenna is installed on a 6 m high mast.

Made up of electrically isolated and decoupled radiators, the antenna is particularly suitable for polarization-diversity reception.





Specifications	
Frequency range	1.5 MHz to 30 MHz
Polarization	horizontal and vertical
Input impedance	50 Ω
Connectors	3 × N female
MTBF	>100 000 h
Operating temperature range	-30°C to +50°C

Max. wind speed	
Without ice deposit	160 km/h
With 30 mm radial ice deposit	135 km/h
Dimensions	
Length of radiators	approx. 5 m (approx. 196.9 in)
Height	approx. 11 m (approx. 433.1 in)
Weight (incl. mast)	approx. 85 kg (approx. 187.4 lb)

Ordering information	Type	Order No.
HF Receiving Antenna (stationary)	R&S®HA230/403	0101.1176.02
Consisting of:		
Antenna Head	R&S®HA230Z	0138.6313.00
Mast, length 6 m	R&S®HA230M	0138.6342.00

