

Active Antenna System HE016



Brief description

This antenna system is a combination of the Active HF Rod Antenna HE010 and two crossed HF dipole antennas. The two horizontal dipole antennas are combined via a 90° coupler to produce an omnidirectional antenna pattern for the reception of horizontally polarized signals.

- Extremely small dimensions
- High sensitivity - same system sensitivity as comparable passive antennas with more than three times the size
- High linearity
- High immunity to nearby lightning strikes
- Optimum results under any receiving conditions with minimum space requirement
- Omnidirectional reception of horizontally and vertically polarized signals

Specifications

Frequency range	horizontal polarization	600 kHz to 40 Mhz
	vertical polarization	10 kHz to 80 (120) kHz
Nominal impedance		50 Ω
VSWR		< 2 (10 to 20 kHz: <3)
Intercept point	2nd order	≥50 dBm up to 30 MHz
	3rd order	≥30 dBm up to 30 MHz
Power supply		21 V to 26 V DC (460mA)
Connector		2 x N female
Operating temperature		-40 to +65°C
Max. wind speed		188 km/h (witout ice deposit)
Dimensions	(dia. x H)	3 m x 1.4 m
Weight		3 kg

Recommended extras

Power Supply Unit IN115

6 m Plug-in Mast KM011