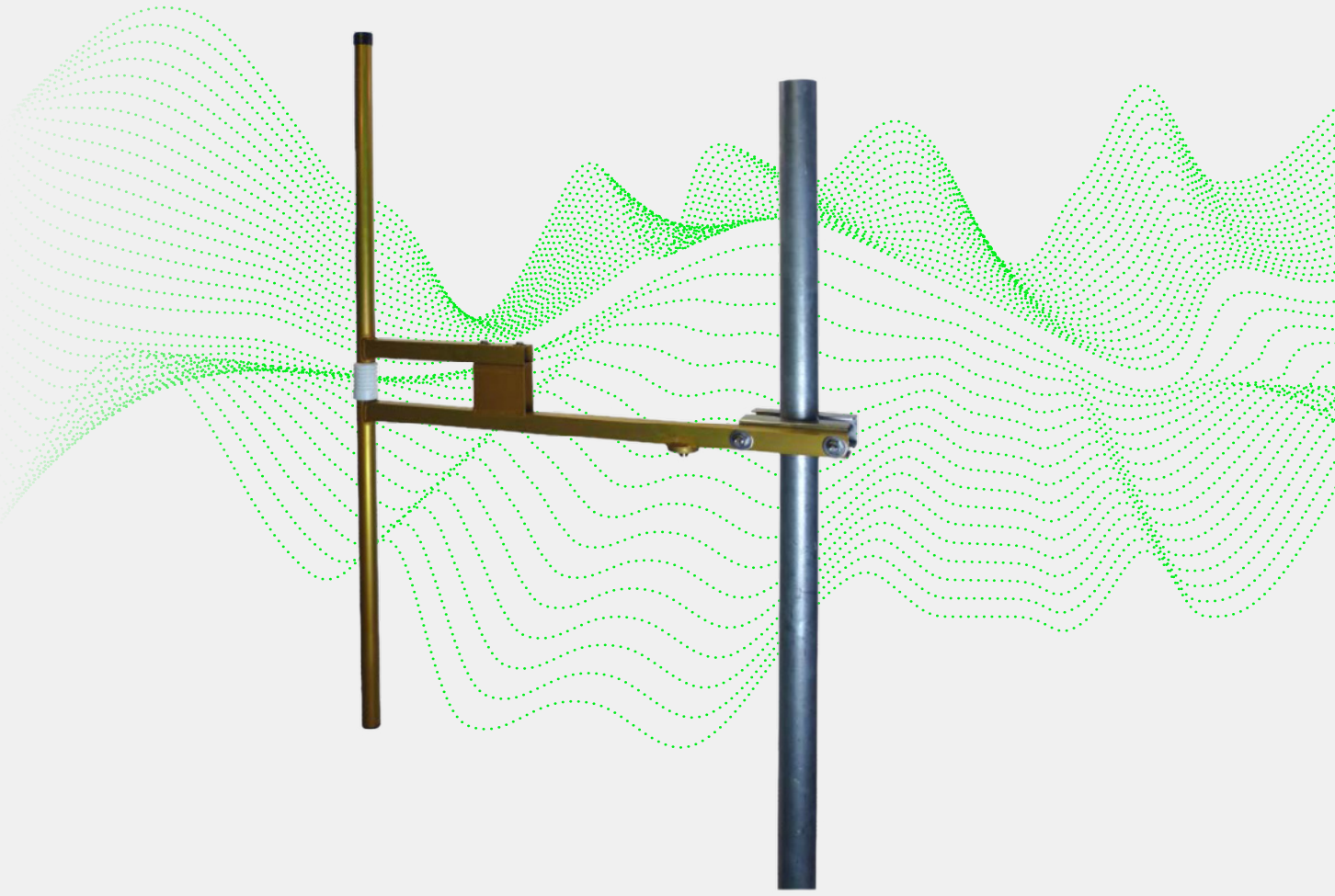
RFE MAKING BROADCAST SMARTER

# Dipole Antenna AKH/1

ANTENNA SYSTEMS



**TECHNICAL SHEET** - UPDATED NOVEMBER 2025

# Dipole Antenna AKH/1

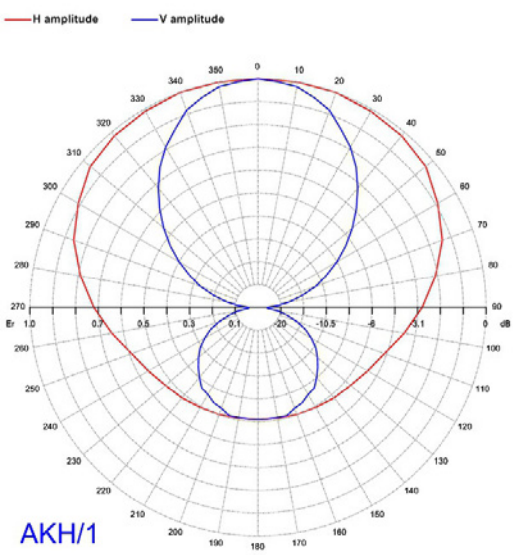
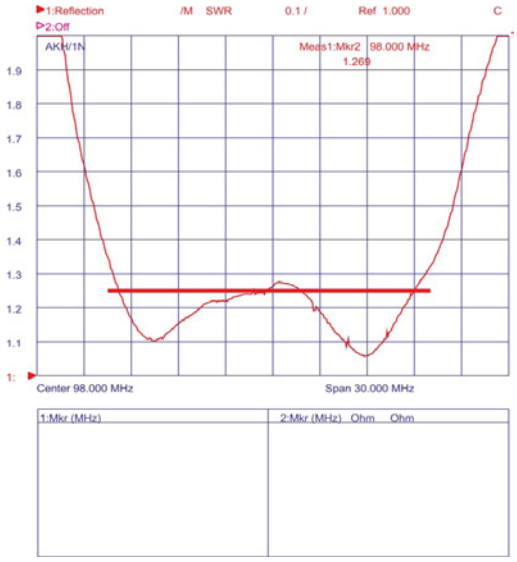
## PRODUCT DESCRIPTION

AKH/1 is a dipole antenna, with linear polarization and omnidirectional pattern. Ideal for low power broadcast application.

### MAIN FEATURES

- Dipole antenna for FM band
- Vertical polarization
- Connector in n 7/16
- Wide band
- Made of aluminum*
- PTFE insulators
- Stainless steel screws and clamp
- DC electrically grounded

*To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called SurTec 650. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

## TECHNICAL DATA

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|---|---|
| **Frequency Range** | 87.5÷108 MHz |
| **Impedance** | 50ohm |
| **Return Loss** | 18dB |
| **Gain** | 2dBd |
| **Power Connector N version** | 8000W |
| **Power Connector 7/16 version** | 2kW |
| **Wind Load at 160Kw/h** | 12kg |
| **Absolute max Wind velocity** | 180Km/h |
| **External Dimensions** | 140x88x6cm |
| **Weight** | 4Kg |