

# VHF/UHF Dipole Antenna for Mast Mount

## WD30512M-B

The WD30512M-B is a rugged and high-performance dipole antenna with an easy to use mast mount adapter. Its effective coverage over the complete 30 – 512 MHz frequency range makes it the ideal choice for latest JTRS and modern SDRs. The antenna supports COJOT multiuse concept: the same radiator can be used for vehicle and mast mounting. The steel whip can be easily detached temporarily without any tools.

- Excellent performance with center fed design
- Covert and rugged mechanical design
- Quick and easy installation - no additional tools required



| Product details*  |  |
|-------------------|--|
| Frequency range   | 30 - 512 MHz   |
| Matching          | Passive  |
| Polarization      | Nominally vertical                                     |
| Antenna type      | Dipole   |
| Radiation pattern | Omnidirectional  |
| Gain              | Measured patterns on request                           |
| VSWR              | ≤ 3.5 (for 95% of the specified frequency range)       |
| Nominal Impedance | 50 Ω   |
| Power rating      | 50 W   |
| Standard color    | Black  |
| Radiator          | Upper part: Steel whip<br>Lower part: Radome protected |
| Height            | 2990 mm  |
| Weight            | 3.7 kg   |

| Installation* |                          |
|---------------|--------------------------|
| RF connection | Female N -type connector |
| Mounting      | Onto a ∅ 40 - 60 mm mast |

\*Specific adjustments on request

| Order number | Product  |
|--------------|--|
| WD30512M-B   | Antenna as described above                             |
| WD30512M     | Antenna for vehicle mounting (see separate data sheet) |