

The family of wideband antennas AD-25/CW is composed of wideband VHF whips intended for use on manpack radios in the frequency range from 30 to 88 (108) MHz. Electrically the antenna is optimised for all exploitation conditions (radio on back, at the breast, on the ground, etc.) so it is not necessary for additional tuning. The antenna is composed of radiating part made of special steel multilayer tape material ensuring high flexibility and roughness. The antenna has built-in a special passive transformer tuning network enclosed in fibreglass housing above the input coaxial connector. Above the transformer unit is so called "goose neck" enables that the antenna is always in vertical position regardless of the position of the radio unit. Different models regarding the frequency range, max. RF power, input connector, etc., are available on request.



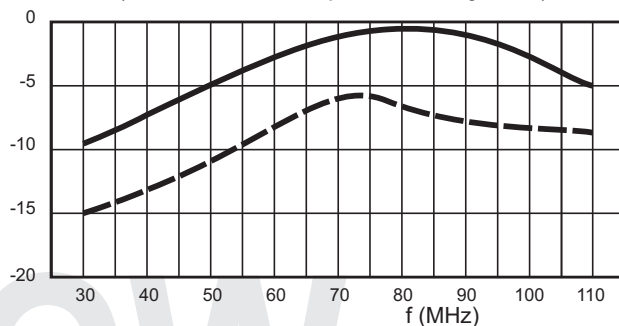
|                      | AD-25/CW-AL    | AD-25/CW-ALN | AD-25/CW-TS    |
|----------------------|----------------|--------------|----------------|
| Frequency (MHz)      | 30 - 108       | 30 - 108     | 30 - 108       |
| Impedance (Ohm)      | 50 ohm         | 50 ohm       | 50 ohm         |
| VSWR                 | < 3.5          | < 3.5        | < 4.5          |
| Gain                 | DIAG. 2        | DIAG. 2      | DIAG. 2        |
| Polarization         | VER.           | VER.         | VER.           |
| Maximum power (W)    | 25             | 25           | 25             |
| Connector            | modif. BNC/TNC | N male       | modif. BNC/TNC |
| Height (mm)          | 1300           | 1250         | 1650           |
| Mass (kg)            | 0,35 kg        | 0,35 kg      | 0,45 kg        |
| Environmental specs. | MIL-STD-810    | MIL-STD-810  | MIL-STD-810    |

AD-25/CW-AL

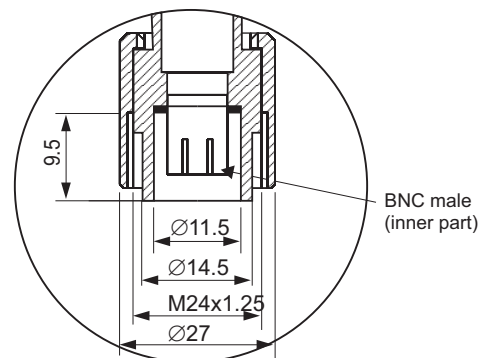
AD-25/CW-ALN

AD-25/CW-TS

GAIN (dBi; Antenna on manpack radio on ground )



— AD-25/CW-TS  
 - - - AD-25/CW-AL; AD-25/CW-ALN



connector../CW-AL; ../CW-TS

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