

## AD-44/CW Series

Wideband monopole, whip, 30-108 MHz

**Tactical Antennas: Handheld and Manpack**



The AD-44/CW family represents wideband monopole whips, primarily intended for use with portable and handheld radios in VHF frequency range from 30 to 90 (108) MHz. Electrically the antenna is optimised for all deployment conditions (radio in hand, at the side, at the breast etc.) so it is not necessary for additional tuning. The antenna is composed of a radiating part made of a special steel multilayer tape material covered with a plastic sleeve ensuring high flexibility and ruggedness. The antenna has a built-in special passive transformer tuning network enclosed in fibreglass housing above the input coaxial connector. A gooseneck could be added to ensure the antenna is always in vertical position regardless of the position of the radio station. Input connector is TNC male (or modified TNC male), other types (N or BNC male) are available on request.



### Technical Specifications

	/CW-A	/CW-AH	/CW-E	/CW-EG	/CW-AH2
<b>Frequency</b>	30 - 88 MHz	30 - 108 MHz	30 - 88 MHz	30 - 88 MHz	30 - 108 MHz
<b>Impedance</b>	50	50	50	50	50
<b>VSWR</b>	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
<b>Maximum Power</b>	10 W	10 W	10 W	10 W	25 W
<b>Connector Type</b>	TNC male	TNC male	TNC male mod.	TNC male mod.	TNC male
<b>Radiator Type</b>	tape	tape	tape	tape	tape
<b>Goose Neck</b>	-	165 mm	-	165 mm	165 mm
<b>Height</b>	840 mm	1000 mm	835 mm	990 mm	1145 mm
<b>Weight</b>	135 g	270 g	135 g	230 g	280 g



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All specifications are subject to change without notice  
 The information contained herein is for reference only and does not constitute a warranty of performance

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