

LB3088AG and LB3088AG/E

VHF elevated sectional whip, monopole/groundplane, 2.5 m,
30–88 MHz

Tactical Antenna: Tactical and Base Station



LB3088AG NSN: 5985-14-465-8983

LB3088AG/E NSN: 5985-14-524-8331

Broadband portable ground plane antenna, operating in the 30 to 88 MHz range, intended for military field communications

Purpose

The LB3088AG antenna is a high efficiency base station antenna, especially designed for long distance radio communications with VHF hopping frequency radio equipment or for fixed radio installations.

The LB3088AG antenna is a lightweight transportable, manpack antenna, which can be mounted or dismounted in a few minutes by one person.

Construction

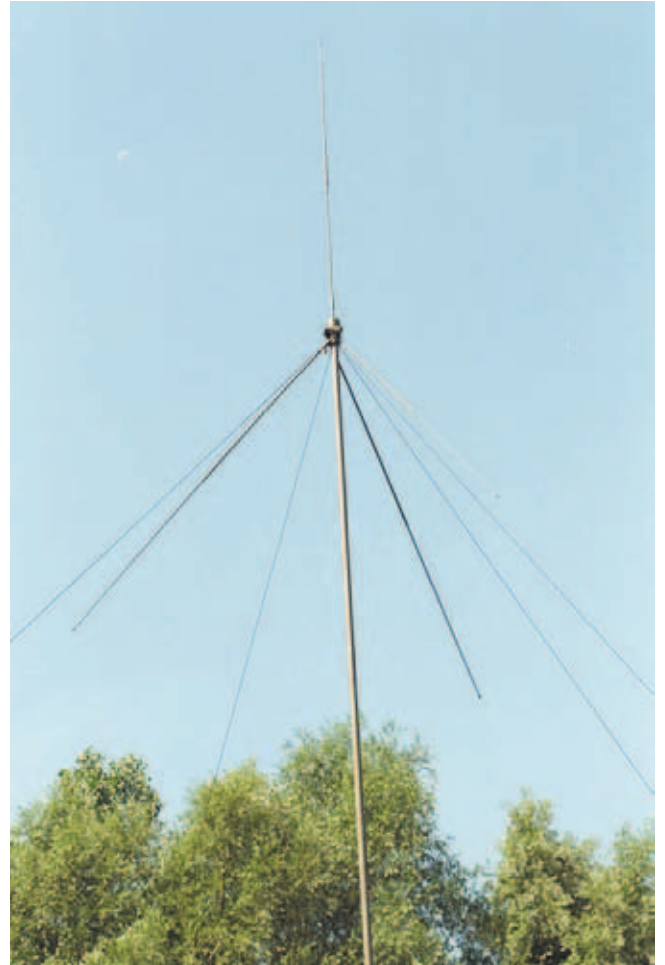
The LB3088AG antenna consists of a passive broadband antenna matching unit, a two element whip (the same as for the LB3088G vehicle antenna), and three dismountable elements making up the ground plane.

The whips are made of plastic reinforced fibreglass.

The LB3088AG/E is equipped with a different interface for mast (23 mm spigot).

Environmental Specifications

Operational Temperature	- 40°C to + 55°C
Storage Temperature	- 40°C to + 70°C
Relative Humidity	95% HR
Resistance to Salt Fog	96 Hours
Maximum Wind Speed	130 km/h



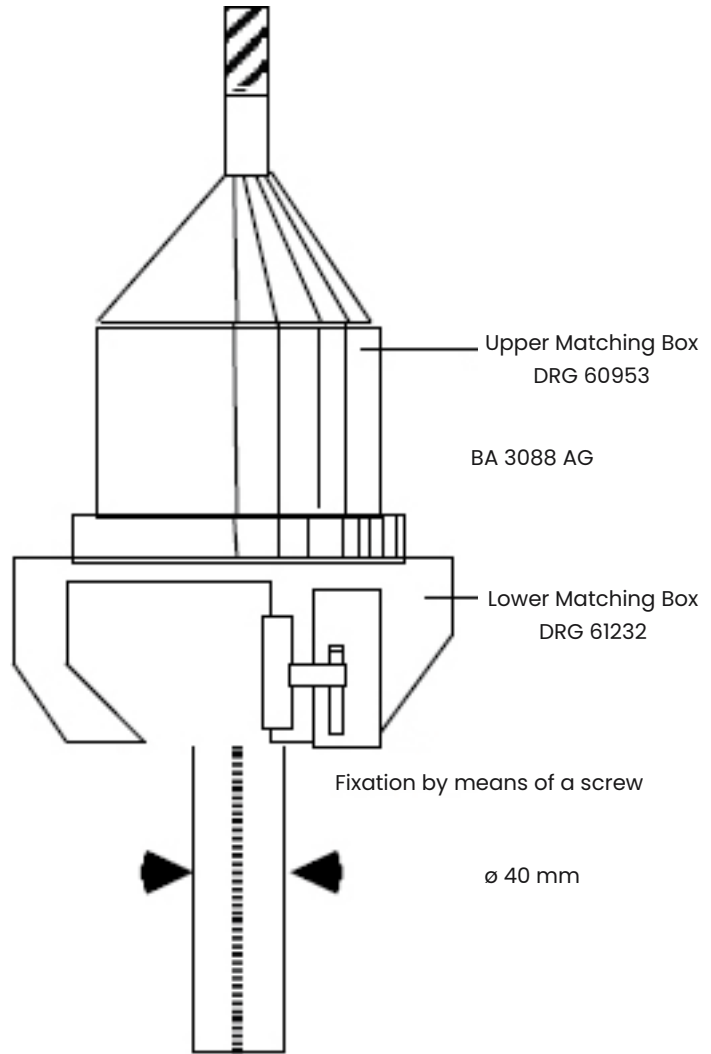
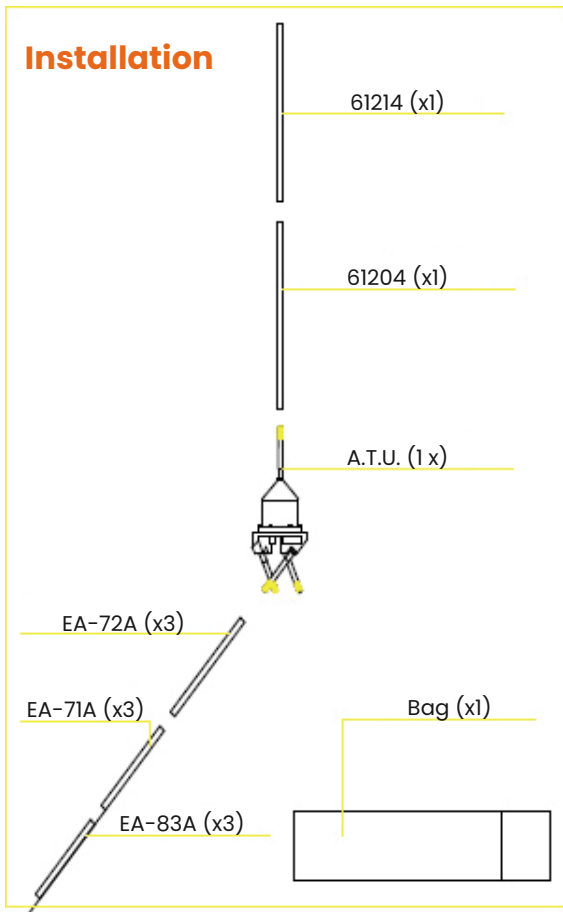
LB3088AG antenna on MP9F manpack portable mast

Electrical Specifications

Frequency Range	30 - 88 MHz
VSWR with 15 m of KX15 Cable	≤ 3:1
Gain (typical)	0 dB
Power	100 W
Connection	BNC female
EMP Protection	Included

Mechanical Specifications

Dimensions	Upper Section Length	1300 mm
	Lower Section Length	1175 mm
Mass	5 kg	
Colour	Army Green IR NATO 24 x 5	



- The LB3088AG is installed on a mast ø 40 mm.
- The LB3088AG/E is provided with a removable spigot ø 23 mm. It can be installed on most of the masts available on the market, as it remains compatible with masts ø 40 mm.

Codification

Description	Comrod Ref	NSN
Top Whip	F3435-61214	5985-14-514-3534
Lower Whip	F3435-61204	
Antenna Section - Lower	F3435-60466 EA-72A	5985-14-342-4876
Antenna Section - Intermediate	F3435-60464 EA-71A	5985-14-343-1485
Antenna Section - Upper	F3435-60584 EA-83A	5985-14-041-8712
Base Matching Unit BA-3088AG	F3435-75667	5985-14-514-2846
Adaptor (included only in LB3088AG/E)	F3435-12021	5985-14-469-4454
Transport Bag	F3435-11750	

September 2018

All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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