

## GP-3 / GP-2W / GP-3W

2-Band / 3-Band HF groundplanes  
item no. 11240... 11242



Standard lowcost groundplane antennas, consisting of telescopic alu tubings of different diameters and a mast clamp. Included is a radial kit (one radial per band) made out of stranded copper wire. Performance can be improved by adding more radials (as with every GP antenna....)

### Technical data:

model:	<b>GP-3</b>	<b>GP-2W</b>	<b>GP-3W</b>	
frequency range:	10/15/20m	12/17m	12/17/30m	
gain:	0	0	0	dBD
length:	3.3	3.3	4.7	m
power rating:	1000	1000	1000	Watt
connector:		UHF jack		
max. mast dia.:	44	44	44	mm
Weight:	1,5	1,7	2	kg
impedance:	50	50	50	Ohm
WiMo p/n:	11240	11241	11242	

### Assembly:

- Fit elements into each other and fix with hose clamps. Free length of every tube around 400mm (16"). Adjust dimension 'A' according to table.
- Cut radial wire according to table and attach ring lugs by crimping or (preferred) soldering
- Mount antenna to a vertical pole.
- For permanent installations we recommend to seal all contacts, screws, clamps etc. with silicone, tape, coax seal, or something else that is suitable.

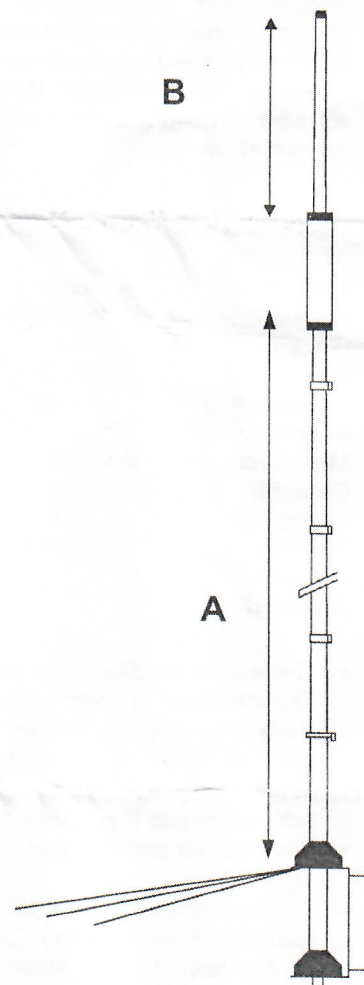
### Dimensions:

	<b>GP-3</b>	<b>GP-2W</b>	<b>GP-3W</b>	
<b>A</b>	190 (75")	256 (100")	256 (100")	cm
<b>B</b>	82 (32")	-	175 (69")	cm
<b>Radial 1</b>	260 (8.5')	305 (10')	305 (10')	cm
<b>Radial 2</b>	360 (11.8')	425 (14')	425 (14')	cm
<b>Radial 3</b>	530 (17.3)	-	750 (24.5')	cm

### Tuning:

coarse tuning by varying **dimension A** (affects **all** bands). Afterwards the resonance on 30m is to be adjusted by varying dimension **dimension B** (GP-3W only).  
Fine tuning can be done by cutting the radials.

The final S.W.R at resonance should be around 1.5:1 ... 2:1.



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