

HF ANTENNA 6.5 TO 30 MHz

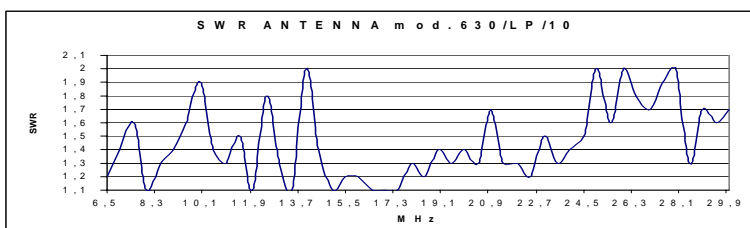
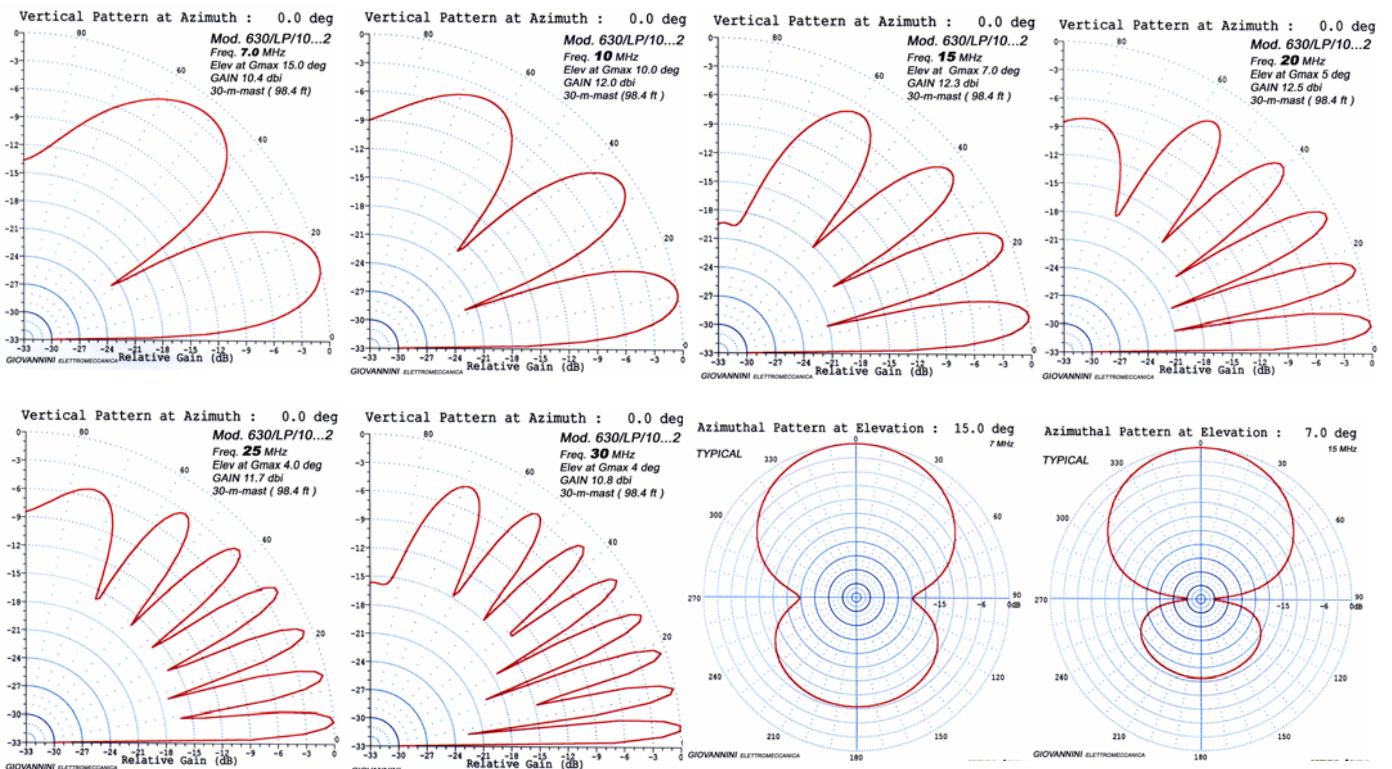
APPLICATIONS

Mod. LP 630-W-2 and LP 630-W-10

The LP 630-W-2..10 is a horizontally/vertically polarized fixed station, log periodic antenna normally used for short/medium/long range communications in the 6.5 to 30 MHz frequency band.

The LP 630-W-2..10 antenna is broadband and will operate within the defined frequency range without any adjustments or tuning.

SPECIFICATIONS	Mod.	LP 630-W-10	LP 630-W-2
FREQUENCY RANGE		6.5 to 30 MHz	6.5 to 30 MHz
POWER KW		10	2
NOMINAL IMPEDANCE		50 ohm	50 ohm
SWR max.		< 2 : 1	< 2 : 1
GAIN dbi		10.4 TO 12.5	10.4 TO 12.5
CONNECTOR		7/16 EIA	N Female
LENGTH (L)		48 m (157.5 ft)	48 m (157.5 ft)
WIDTH (W)		40 ~ 70 m (131.3 ~ 229.7 ft)	40 ~ 70 m (131.3 ~ 229.7 ft)
HEIGHT (H)		20 m (65.7 ft)	20 m (65.7 ft)
WEIGHT OF ANTENNA		1050 Kos (2310 lbs)	1050 Kos (2310 lbs)
MAXIMUM SPEED OF WIND Km/h		225 (140 mph)	225 (140 mph)
WITH 12 mm(0.5 in) ICE SLEEVE Km/h		139 (87 mph)	139 (87 mph)
OPERATING TEMPERATURE RANGE		-30 + 60 °C	-30 + 60 °C
STORAGE		-40 + 85 °C	-40 + 85 °C
TRANSPORT WEIGHT.....approx.		1500 Kos (3300 lbs)	1500 Kos. (3300 lbs)
TRANSPORT VOLUME.....approx.		2.5 m ³	2.5 m ³



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