



## 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 <sup>3</sup>	2.5 m <sup>3</sup>

