



# HF Log-periodic Antenna

## 4 to 30 MHz

### Mod. 4030/LP/10 and 4030/LP/2

The rotatable, log-periodic Antenna System 4030/LP/10..2 is used for the transmission and reception of horizontally polarized signals. With its frequency range from 4 to 30 MHz, this antenna system is particularly suitable for operation covering medium to long distances.



SPECIFICATIONS	Mod.	4030/LP/R	4030/LP/10	4030/LP/2
FREQUENCY RANGE		4 to 30 MHz	4 to 30 MHz	4 to 30 MHz
POWER KW		Receiving	10	2
NOMINAL IMPEDANCE		50 ohm	50 ohm	50 ohm
SWR max.		< 2.5(3 max) : 1	< 2.5(3 max): 1	< 2.5(3 max) : 1
GAIN dbi		10.4 TO 12.5	10.4 TO 12.5	10.4 TO 12.5
CONNECTOR		N Female	7/16 EIA	N Female
LENGTH OF BOOM (tower)		28 m	28 m	28 m
ELEMENT m.		35 m	35 m	35 m
TURNING RADIUS		20 m	20 m	20 m
WEIGHT OF ANTENNA		570 Kos	670 Kos	670 Kos
MAXIMUM SPEED OF WIND Km/h		225 ( 140 mph )	225 ( 140 mph )	225 ( 140 mph )
WITH 12 mm(0.5 in ) ICE SLEEVE Km/h		139 ( 87 mph )	139 ( 87 mph )	139 ( 87 mph )
OPERATING TEMPERATURE RANGE		-30 + 60 °C	-30 + 60 °C	-30 + 60 °C
STORAGE		-40 + 85 °C	-40 + 85 °C	-40 + 85 °C
TRANSPORT WEIGHT.....approx.		980 Kos	1200 Kos	1200 Kos.
TRANSPORT VOLUME.....approx.		15.5 m <sup>3</sup>	15.5 m <sup>3</sup>	15.5 m <sup>3</sup>

Design and ratings are subject to change for improvement without notice.

The measurements declared by us have been executed at 40 mt. of height from the ground with no hindrance in the immediate environs, with 100 % day.

