



INVELCO, S.A.

INVESTIGACIONES ELECTRONICAS Y COMUNICACIONES

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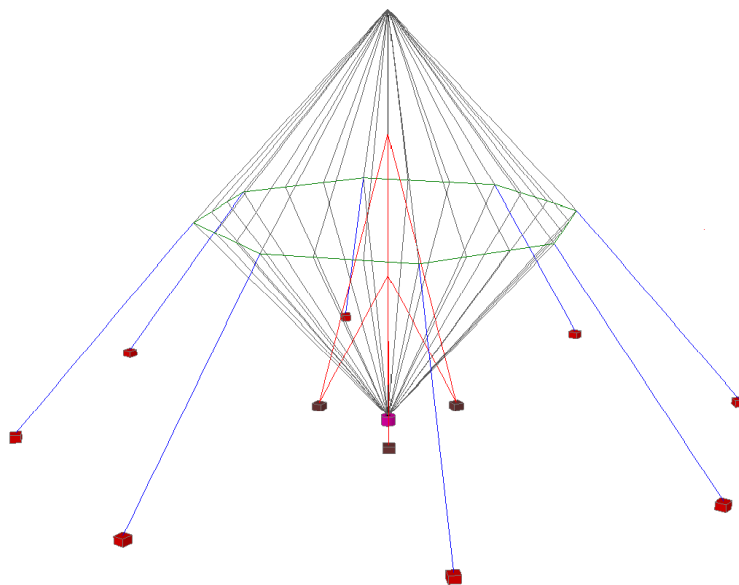
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MF/HF OMNI-DIRECCIONAL BICONIC ANTENNA MODEL AT-600-B-18

HF Antenna , for all range communications. Short, medium and long range coverage.

Omni-directional

Circular diagram



- Frequency Range (maximum) 3.5 - 30 MHz
- Admissible Power (maximum) 5 Kw
- Polarization Vertical
- SWR..... < 2.0:1 (typical 1.5:1)
- Input impedance 50 Ω
- Connector type..... N

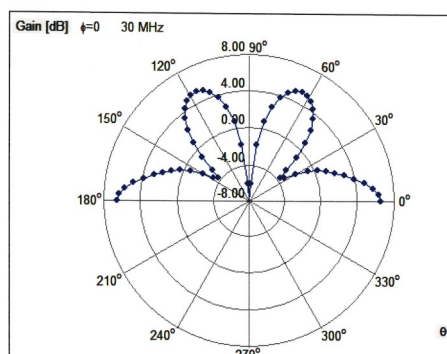
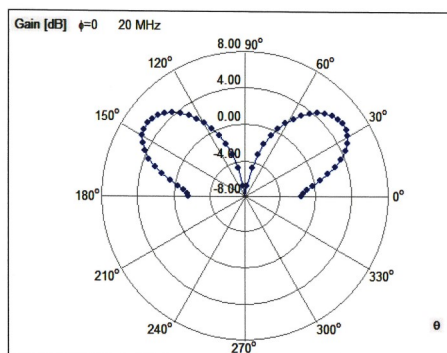
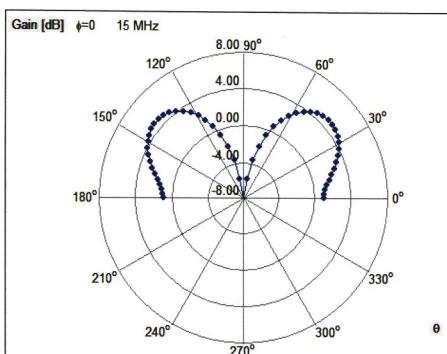
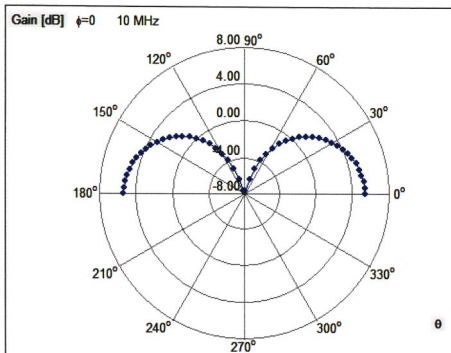
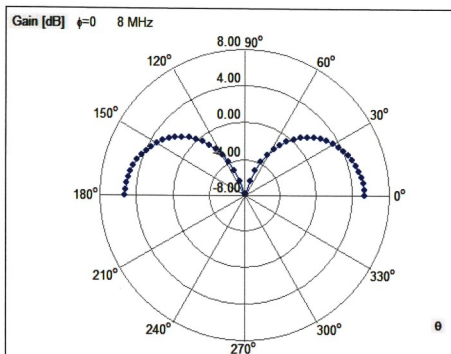
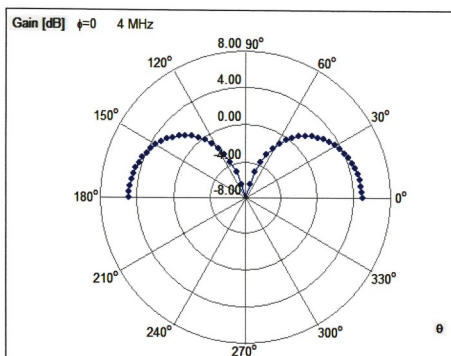
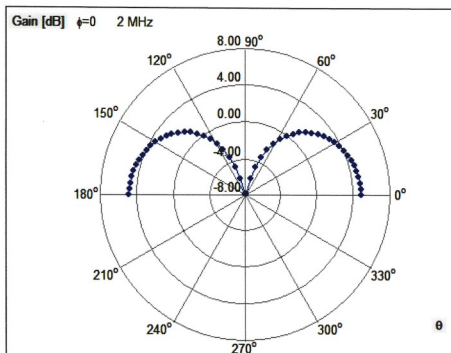


MF/HF OMNI-DIRECTIONAL BICONIC ANTENNA MODEL AT-600-B-18

TECHNICAL CHARACTERISTICS

DIAGRAMS OF RADIATION:

Gain in dBi over perfect earth.



SPECIFICATIONS

Polarization	Vertical
Radiation	
Elevation	According to diagram
Azimuth	Circular
S.W.R.	< 2:1 (typical 1.5:1)
Power capability	5 Kw
Tuning	Not necessary
Height	18 mts
Total diameter (ground plane included)	38 mts
Environmental	Wind resistance 180 Km/h
Beaconing	Optional

Earth antenna for electric shocks and electrostatic potentials. Dischargers of spheres or similar are not necessary.

Antenna fully supplied with all accessories except coaxial cable, ground works and installation.

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