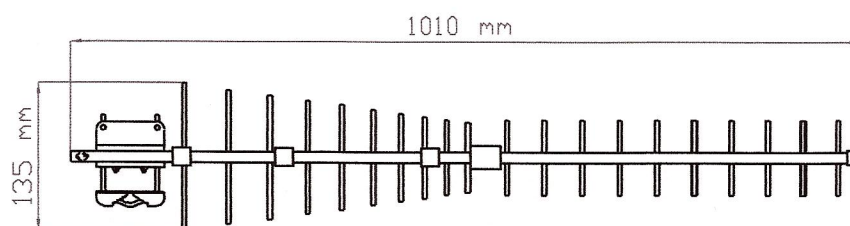


## LOG/1.5G

UHF MICROWAVE LINKS ANTENNA

- **General.** The LOG/1.5G Directional Antenna is designed for short distance FM Radio & TV microwave links purposes in 1.1 – 1.6 GHz frequency range. This antenna is made with non-corrosive aluminium alloy and composed of 21 elements and a mounting bracket.
- **Effective cost.** Good performances at effective cost is the main feature of this antenna.
- **Horizontal or Vertical polarization** are possible with the standard mounting brackets.
- **Instant installation.** The reduced overall dimensions and the low weight permit an easy installation even on light poles.
- **Lightning resistance** is guaranteed by the DC ground potential of the entire antenna.



## R.F. Data:

Frequency Range	1100 - 1700 MHz
Polarization	Horizontal or vertical
Connector	N female
Max. power handling capability	300 W
Gain (at mid band, ref. to 1/2 dipole)	11.5 dBd
Impedance	50 W
Front to back ratio	>20 dB
Wind load (ref. 150 Km/h):	
Frontal	11 Kg
Lateral	9 Kg
Grounding	Via clamps
Horizontal Beamwidth (at -3 dB, at mid band)	22°
Vertical Beamwidth (at -3 dB, at mid band)	23°

## Mechanicals

Number of radiating elements	10+10
Material	Aluminium
Pole diameter	25 - 55 mm (others on request)
Dimensions (HxL)	1010x135 mm
Weight	0.420 kg

