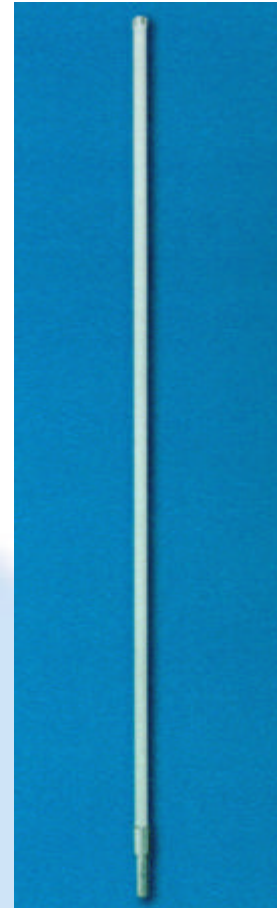




GSM900 VP/360/11
MODEL 1613

- VERTICAL POLARISATION
- HIGH GAIN
- EXTREMELY LIGHTNING RESISTANT

This vertically-polarised omnidirectional antenna has been developed for areas where there is a high lightning risk. The unit has an integral finial within the radome, providing a cone of protection from the tip downwards at an angle of 45 degrees. This design ensures that the coverage pattern of the antenna is not disrupted, as is often found on similar products having an external lightning finial. It will remain intact after a strike having an action integral of $2.5 \times 10^5 \text{amps}^2 / \text{second}$. The robust fibreglass housing can be fixed using 'U' bolts, or cast brackets can be supplied providing wall or pole mounting.



Technical Specification

Frequency	870-960 MHz
Horizontal Beamwidth	360°
Vertical Beamwidth	10°
Gain	11dBi
VSWR	1.5:1
Front-to-back ratio	N/a
Upper sidelobe suppression	N/a
Fixed electrical downtilt	0°
Power rating	500 watts
Connector	7/16 female
Temperature Range	- 30°C to + 70°C
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	250N @ 45m/s
Mounting stub for U bolts	3300mm long x 50mm diameter
Dimensions	210mm length x 350mm diameter
Weight	7 Kg

