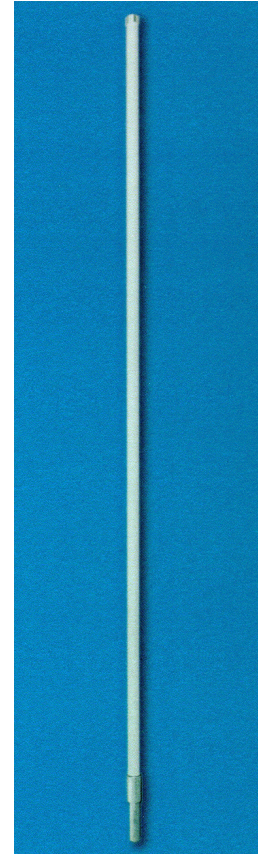


VERTICALLY POLARISED OMNIDIRECTIONAL ANTENNA GSM900 VP/360/11/0 Type 1613

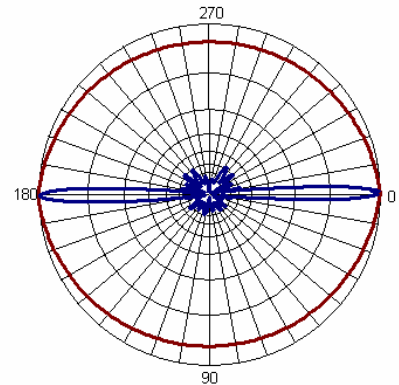
- ❑ HIGH GAIN
- ❑ EXTREMELY LIGHTNING RESISTANT

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 downward 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	870-960MHz
Gain	11dBi
VSWR	1.5:1 max
Horizontal Beamwidth	360°
Vertical Beamwidth	<10°
Fixed Electrical Downtilt	0°
Power Rating	500W
Connector	7/16 DIN female
Impedance	50Ω
Dimensions (LxØ)	3300 x 50 mm
Operational Wind Speed	45m/s
Wind Loading	250N @ 45m/s
Survival Wind Speed	56m/s
Lightning Protection	DC grounded
Weight	7kg
Temperature Range	- 30 °C to +70 °C
Mounting Stub for U bolts (LxØ)	3300 x 50 mm
Bracket Size	To suit pole 68mm max



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Inotek Antennas reserve the right to vary in detail from the description and specification in this publication. Issue: 04/07