



**GSM1800 XP/360/10
MODEL 103-0002 AND 103-0006**

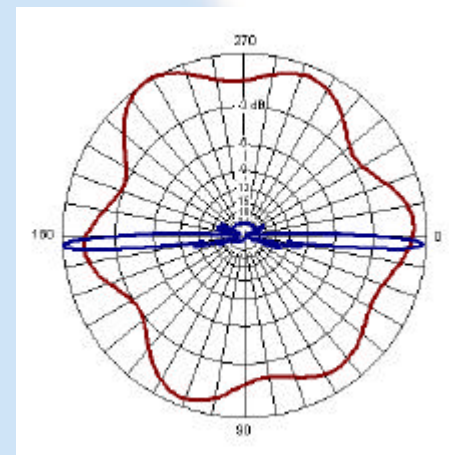
- MONOPOLE MOUNTING
- DUAL POLARISATION
- OMNIDIRECTIONAL

These models incorporate three individual sector antennas that are internally combined to produce an integrated omni-directional antenna housed in a single tubular radome. The radome diameter is 167mm, providing a very low profile to ease planning applications. The system is supplied complete with mini -stub tower allowing easy access to the coaxial feeders. Lightning protection is provided via an earthing stud & finial.



Technical Specification

Frequency	1710-1880 MHz
Horizontal Beamwidth	360°
Vertical Beamwidth	6.25°
Gain	10dBi
VSWR	1.4:1 maximum
Front-to-back ratio	N/A
Upper sidelobe suppression	>20 dB (20° above beam peak)
Fixed electrical downtilt	103-0002 - 3° 103-0006 - 5°
Isolation between ports	>30 dB typical Tx band
Connectors	2 x 7/16" DIN female
Power rating	250 watts @ 40°C
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	248N @ 45m/s
Dimensions	1709 x 167mm diameter
Flange mount	As customer's interface
Weight	18.5 Kg
Temperature Range	-55°C to +70°C



3 DEGREE TILT PLOT