David Hanman
Engineering Services

GSM1800 DUAL POLARISED PANEL ANTENNA

GSM1800 XP/85/12

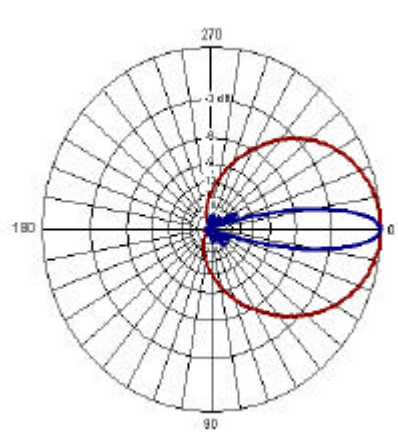
MODEL 2007

- DUAL POLARISATION
- 85 DEGREE SECTOR COVERAGE
- LOW-PROFILE RADOME

The GSM1800 base station antennas are available with 60 or 85 degree sector coverage. A number of models provide gain & fixed electrical downtilt to exactly suit the location. Superior circuit design coupled with advanced manufacturing techniques guarantee consistent product quality, with excellent intermodulation performance.

Technical Specification

Frequency	1710-1880 MHz
Horizontal Beamwidth	85°
Vertical Beamwidth	17°
Gain	12 dBi
VSWR	1.3:1
Front-to-back ratio	>25 dB
Upper sidelobe suppression	> -14 dB
Fixed electrical downtilt	0°
Isolation between ports	>30 dB
Connectors (bottom)	2 x 7/16" DIN F bulkhead
Power rating	200 watts
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	160N @ 45m/s
Bracket tilt	0-10°, optional 10-20°
Dimensions	672 x 164 x 95(depth) mm
Weight	3.8 Kg
Temperature Range	- 40°C to + 70°C



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