

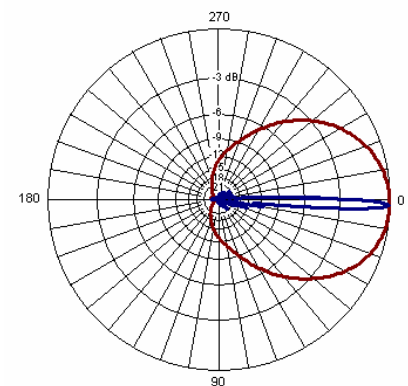
Dual Polarised Panel Antenna GSM1800 XP/85/17.5/2, 5 or 8 Type 100-0008/9 & 31

- ❑ HIGH GAIN
- ❑ LOW-PROFILE RADOME

The GSM1800 base station antennas are available with 65° or 85° sector coverage, and include suppressed sidelobes as a standard feature. 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 | 1710-1880MHz |
| Gain | 17.5dBi |
| VSWR | 1.4:1 max |
| Horizontal Beamwidth | 85° |
| Vertical Beamwidth | >5° |
| Fixed electrical downtilt | 100-0008 - 2° 100-0009 - 5° 100-0031 - 8° |
| Upper sidelobe suppression | >18dB |
| 1 st null fill Below horizon | 20dB below beam peak |
| Front-to-back ratio | >25dB |
| Isolation | >30dB typical |
| Power rating | 250W |
| Connectors (bottom) | 2 x 7/16" DIN |
| Dimensions (LxWxD) | 1951 x 196 x 39 mm |
| Wind loading | 367N @ 45m/s |
| Operational wind speed | 45m/s |
| Survival wind speed | 56m/s |
| Weight | 8 Kg antenna, 4.5Kg brackets |
| Temperature Range | -40°C to +70°C |
| Bracket tilt | 8° down, 2° up |



2 DEGREE DOWN TILT PLOT

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