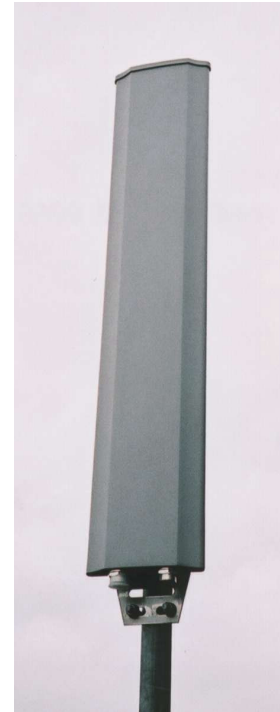




DUAL POLARISED PANEL ANTENNA GSM1800 XP/65/16.5/2 Type 100-0025

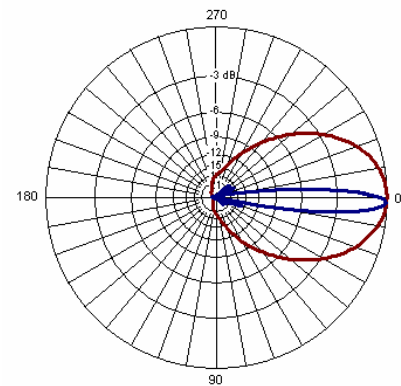
- ❑ HIGH GAIN
- ❑ LOW-PROFILE RADOME

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	16.5dBi
VSWR	1.4:1 max
Horizontal Beamwidth	65°
Vertical Beamwidth	>10°
Fixed Electrical Downtilt	2°
Upper Sidelobe Suppression	>18dB
Front-to-Back Ratio	>25dB
1 st Null Fill Below Horizon	20dB below beam peak
Isolation	>30dB typical
Connectors (bottom)	2 x 7/16" DIN
Power Rating	150W
Dimensions (LxWxD)	1025 x 196 x 39 mm
Wind Loading	191N @ 45m/s
Operational Wind Speed	45m/s
Survival Wind Speed	56m/s
Weight	8kg antenna, 4.5kg brackets
Temperature Range	-40 °C to +70 °C
Bracket Tilt	8° down, 2° up



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