

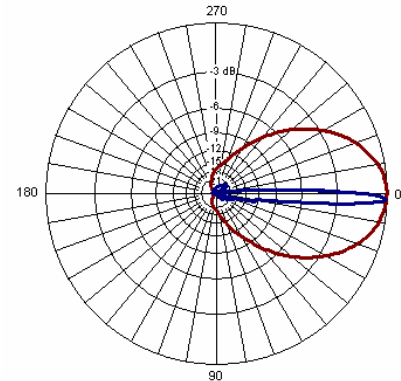
**Dual Polarised Panel Antenna**

**GSM1800 XP/65/18/2 or 5**

**Type 100-0010/17 miscellaneous**

**TECHNICAL SPECIFICATION**

<b>Frequency</b>	1710-1880MHz
<b>Gain</b>	18dBi
<b>VSWR</b>	1.4:1 max
<b>Horizontal Beamwidth</b>	65°
<b>Vertical Beamwidth</b>	>5°
<b>Fixed Electrical Downtilt</b>	100-0010 - 2° 100-0017 - 5°
<b>Upper Sidelobe Suppression</b>	>18dB
<b>Front-to-Back Ratio</b>	>25dB
<b>1<sup>st</sup> Null Fill Below Horizon</b>	20dB below beam peak
<b>Isolation</b>	>30dB typical
<b>Power Rating</b>	250W
<b>Connectors (bottom)</b>	2 x 7/16" DIN female
<b>Dimensions (LxWxD)</b>	1695 x 196 x 39 mm
<b>Wind Loading</b>	339N @ 45m/s
<b>Operational Wind Speed</b>	45m/s
<b>Survival Wind Speed</b>	56m/s
<b>Weight</b>	6.6kg antenna, 4.5kg brackets
<b>Temperature Range</b>	-40°C to +70°C
<b>Bracket Tilt</b>	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