



**GSM1800 XP/142/8.5  
MODEL 100-0027/28/29**

- DUAL POLARISATION
- BURGLAR STYLE RADOME
- CANYON APPLICATIONS

This model incorporates two individual sector antennas that are combined to give a wide azimuth beamwidth and are housed in a single radome shaped like a burglar alarm box. A number of models provide different connector positions to exactly suit the location. Superior circuit design coupled with advanced manufacturing techniques guarantee consistent product quality, with excellent intermodulation performance.



**Technical Specification**

<b>Frequency</b>	1710-1880 MHz
<b>Horizontal Beamwidth</b>	142°
<b>Vertical Beamwidth</b>	33°
<b>Gain</b>	8.5 dBi
<b>VSWR</b>	1.4:1 maximum
<b>Front-to-back ratio</b>	>25 dB
<b>Upper sidelobe suppression</b>	N/A
<b>Fixed electrical downtilt</b>	0°
<b>Power rating</b>	250 watts @ 40°
<b>Connectors</b>	<b>100-0027</b> 2 x N female bottom back <b>100-0028</b> 2 x N female top <b>100-0029</b> 2 x N female bottom
<b>Temperature Range</b>	-55°C to +65°C
<b>Operational wind speed</b>	45 m/s
<b>Survival wind speed</b>	56 m/s
<b>Wind loading</b>	106N @ 45m/s
<b>Mechanical downtilt</b>	N/A
<b>Dimensions (LxWxD mm)</b>	400 x 200 x 140
<b>Weight</b>	2 Kg

