

## DUAL POLARISED PANEL ANTENNA GSM900 XP/60/17.5/0 or 4 Type 1716, 1718

- ❑ HIGH GAIN
- ❑ SUPPRESSED SIDELOBES

These dual-polarised antennas are intended for sites where high gain is required for maximum cell size. A number of models provide gain & fixed electrical downtilt to exactly suit the location, while the electrical design features highly-suppressed sidelobes to minimise interference with adjacent cells. Superior circuit design coupled with advanced manufacturing techniques guarantee consistent product quality, with excellent intermodulation performance.

### TECHNICAL SPECIFICATION

<b>Frequency</b>	870-960MHz
<b>Gain</b>	17.5dBi
<b>VSWR</b>	1.3:1 max
<b>Horizontal Beamwidth</b>	60°
<b>Vertical Beamwidth</b>	7°
<b>Polarisation</b>	+45° and -45°
<b>Fixed Electrical Downtilt</b>	1716 - 0° 1718 - 4°
<b>ppper Sidelobe Suppression</b>	>11dB
<b>Front-to-Back Ratio</b>	>25dB
<b>Isolation</b>	>28dB
<b>Power Rating</b>	500W
<b>Impedance</b>	50Ω
<b>Connectors</b>	2 x 7/16" DIN female
<b>Dimensions (LxWxD)</b>	2330 x 310 x 220 mm
<b>Wind Loading</b>	1033N @ 45m/s
<b>Operational Wind Speed</b>	45m/s
<b>Survival Wind Speed</b>	56m/s
<b>Lightning Protection</b>	DC grounded
<b>Bracket Size</b>	To suit pole 45-115mm
<b>Bracket Downtilt</b>	0° to 6° in 2° steps
<b>Weight</b>	17.5kg
<b>Temperature Range</b>	-55°C to +65°C

