



## VERTICALLY POLARISED PANEL ANTENNA GSM900 VP/60/12.8/0 or 6 Type 1709, 1711

- ❑ 60 DEGREE SECTOR
- ❑ SUPPRESSED SIDELOBES

Vertically polarised panel antennas from Racal have been designed to provide high RF performance, with highly suppressed sidelobes to minimise interference with adjacent cells.

A number of models provide variations in both gain and downtilt to exactly suit the required cell coverage. Superior design coupled with advanced manufacturing techniques guarantee consistent product quality & performance.

### TECHNICAL SPECIFICATION

Frequency	870-960 MHz
Gain	12.8 dBi
VSWR	1.3:1 max
Horizontal Beamwidth	60°
Vertical Beamwidth	14°
Fixed Electrical Downtilt	1706 - 0° 1711 - 6°
Upper Sidelobe Suppression	>17dB
Front-to-Back Ratio	>25dB
Power Rating	300W
Connectors	7/16" DIN female bulkhead
Impedance	50Ω
Dimensions (LxWxD)	1400 x 300 x 145 mm
Temperature Range	-30 °C to +50 °C
Wind Loading	550N @ 45m/s
Operational Wind Speed	45 m/s
Survival Wind Speed	56 m/s
Lightning Protection	DC grounded
Weight	10.6kg
Bracket Size	To suit pole 48-115mm
Bracket Downtilt	+6 to -6°

