

VERTICALLY POLARISED PANEL ANTENNA GSM900 VP/60/17/0, 4 or 10 Type 1687, 1688, 1689

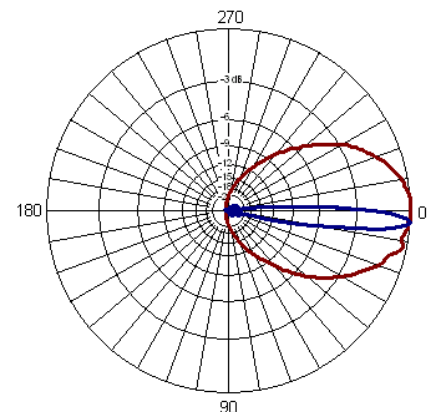
- ❑ HIGH GAIN
- ❑ SUPPRESSED SIDELOBES

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 | 17dBi |
| VSWR | 1.3:1 max |
| Horizontal Beamwidth | 60° |
| Vertical Beamwidth | 8° |
| Fixed Electrical Downtilt | 1687: 4° 1688: 0° 1689: 10° |
| Upper Sidelobe Suppression | >20dB |
| Front-to-Back Ratio | >28dB |
| Power Rating | 500W |
| Connectors | 2 x 7/16" DIN female back |
| Impedance | 50Ω |
| Dimensions (LxWxD) | 2330 x 300 x 145 mm |
| Wind Loading | 1071N @ 45m/s |
| Operational Wind Speed | 45 m/s |
| Survival Wind Speed | 56 m/s |
| Lightning Protection | DC grounded |
| Bracket Size | To suit pole 48-115mm |
| Bracket Downtilt | 0°-6° in 1° steps |
| Temperature Range | - 55°C to + 65°C |
| Weight | 16kg |



1687 Pattern

RACAL ANTENNAS LTD

First Avenue, Millbrook Trading Estate, Southampton SO15 0LJ United Kingdom

Tel: +44 (0) 2380 705705, Fax: +44 (0) 2380 701122, email: sales@racalantennas.com, www.racalantennas.com

Racal reserve the right to vary in detail from the description and specification in this publication. Issue: 08/03

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Product Enquiry & Local support contact sales@pacificwave-wireless.com
Another related component can be found at www.pacificwave-wireless.com