



**GSM900 VP/60/17
MODEL 1687, 1688, 1689**

- VERTICAL POLARISATION
- HIGH GAIN
- SUPRESSED SIDELOBES

Vertically-polarised panel antennas 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
Horizontal Beamwidth	60°
Vertical Beamwidth	8°
Gain	17 dBi
VSWR	1.3:1 typical
Front-to-back ratio	>28 dB
Upper sidelobe suppression	> -20 dB
Fixed electrical downtilt	1687:4° 1688: 0° 1689: 10°
Power rating	500 watts
Connectors	2 x 7/16" DIN (socket on back)
Temperature Range	- 55°C to + 65°C
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	1071N @ 45m/s
Bracket downtilt	0-6°
Dimensions	2330 x 300(width) x 145(depth) mm
Weight	16 Kg

