



**GSM1800 XP/60/12
MODEL 1803**

- DUAL POLARISATION
- HALF-SIZE PANEL
- MICROCELL APPLICATIONS

This Dual-polarised patch antenna has been designed with a compact radome suited to Microcell applications. It can be easily wall mounted using the fitted bracket assembly. Two output ports on the base are provided.



Technical Specification

Frequency	1710-1880 MHz
Horizontal Beamwidth	60°
Vertical Beamwidth	33°
Gain	12dBi
VSWR	1.4:1
Front-to-back ratio	>24dB
Upper sidelobe suppression	>13dB
Isolation between ports	>25dB
Fixed electrical downtilt	0°
Power rating	100 watts
Connectors	7/16 DIN F bulkhead
Temperature Range	- 55°C to + 70°C
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	68N @ 45m/s
Bracket downtilt	8°
Dimensions	320 x 164 x 45mm
Weight	1.6 Kg

