

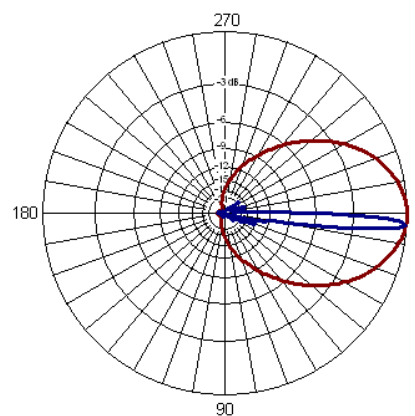
DUAL POLARISED DISGUISED ANTENNAS GSM1800 XP/3-65/18/2 TYPE 103-0009 to 15

- ❑ THREE SECTOR COVERAGE
- ❑ DISGUISED APPLICATIONS

These low-profile models are intended to reduce the visual impact of antenna hardware in environmentally sensitive areas. Three internal antenna sectors within a cylindrical fibreglass radome provide coverage of 65° or 90°. The height of the flagpole itself can be varied using different base sections to give overall heights of 5, 6 or 7 metres, and fixed electrical downtilt of 2° can be provided in each individual sector. A three or four guy system is utilised for stability.

TECHNICAL SPECIFICATION

Frequency	1710-1880 MHz
Gain	3 x 18dBi
VSWR	1.4:1 max
Horizontal Beamwidth	3 x 65°
Vertical Beamwidth	>5°
Fixed Electrical Downtilt	2
Upper Sidelobe Suppression	>18dB
Front-to-Back Ratio	>25dB
Isolation	>30dB typical
Power Rating	250W
Connectors	6 x 7/16" DIN female
Dimensions (LxØ)	1709 x 168 mm
Wind Loading	248N @ 45m/s
Operational Wind Speed	45m/s
Survival Wind Speed	56m/s
Weight	18.5kg antenna only
Temperature Range	-55°C to +70°C
Flagpole Heights	103-0009 – 7m, 3 guys 103-0010 – 6m, 3 guys 103-0011 – 5m, 3 guys 103-0012 – 7m, 4 guys 103-0013 – 6m, 4 guys 103-0014 – 5m, 4 guys 103-0015 – antenna only, flagpole style



4 DEGREE DOWN TILT PLOT

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