



**GSM1800 Flagpole XP/3-65/18
MODEL 103-0009 to 15**

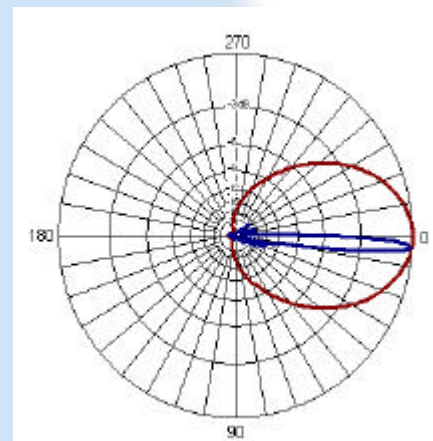
- DUAL POLARISATION
- THREE SECTOR COVERAGE
- DISGUISED APPLICATIONS

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, 4, or 6° can be provided in each individual sector. A three or four guy system is utilised for stability.



Technical Specification

| | |
|----------------------------|-------------------------|
| Frequency | 1710-1880 MHz |
| Horizontal Beamwidth | 3 x 65° |
| Vertical Beamwidth | >5° |
| Gain | 3 x 18 dBi |
| VSWR | 1.2:1 typical |
| Front-to-back ratio | >25dB |
| Upper sidelobe suppression | >20 dB |
| Fixed electrical downtilt | 2, 4 or 6° |
| Isolation between ports | >30 dB typical |
| Connectors | 6 x 7/16" DIN female |
| Power rating | 250 watts |
| Operational wind speed | 45 m/s |
| Survival wind speed | 56 m/s |
| Wind loading | 300N @ 45m/s |
| Dimensions | 1700 x 167mm diameter |
| Flange mount | As customer's interface |
| Weight | 82.5 Kg (inc. 2m tower) |
| Temperature Range | - 55°C to + 70°C |



4 DEGREE DOWN TILT PLOT