

DUAL POLARISED PANEL ANTENNA GSM900 XP/60/12/1 Type 1719

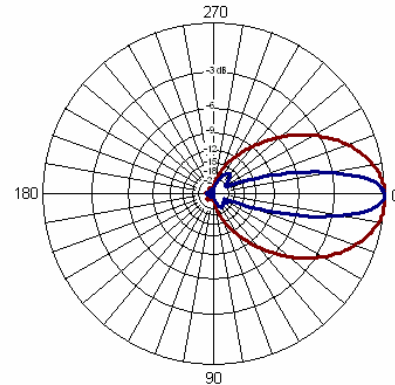
- ❑ HALF-SIZE PANEL
- ❑ SUPPRESSED SIDELOBES

This half-sized panel suits microcell applications in urban areas. It has a compact radome, and the electrical design features highly suppressed sidelobes to minimise interference with adjacent cells. The illustration shows a tri-sector monopole mounting assembly.



TECHNICAL SPECIFICATION

| | |
|-----------------------------------|--------------------------|
| Frequency | 870-960 MHz |
| Gain | 12dBi |
| VSWR | 1.4:1 max |
| Horizontal Beamwidth | 60° |
| Vertical Beamwidth | 22° |
| Polarisation | +45° and -45° |
| Fixed electrical downtilt | 1° |
| Upper sidelobe suppression | >18dB |
| Front-to-back ratio | >25dB |
| Isolation | >30dB |
| Power rating | 200W |
| Impedance | 50Ω |
| Connectors | 2 x 7/16" DIN female |
| Dimensions (LxWxD) | 985 x 310 x 105 mm |
| Wind loading | 400 @ 45m/s |
| Operational wind speed | 45 m/s |
| Survival wind speed | 56 m/s |
| Lightning Protection | DC grounded |
| Bracket Size | To suit pole 60-75mm |
| Bracket downtilt | 0°-6° in 2° steps |
| Weight | 9kg (excluding brackets) |
| Temperature Range | -55°C to +65°C |



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Inotek Antennas reserve the right to vary in detail from the description and specification in this publication. Issue: 04/07