



Dual Polarised Antenna
Type: 2205

- ❑ **SINGLE-BAND 3G APPLICATIONS**
- ❑ **ULTRA LOW-PROFILE RADOME**
- ❑ **SIDELOBE SUPPRESSION**

The '3G Series' of panel antennas have been designed to easily facilitate the installation of Third Generation Cellular infrastructure into new or existing networks. A number of models provide variations in both gain and fixed electrical downtilt to exactly suit the required cell coverage. Slimline radomes reduce visual impact & provide an easily installed, robust enclosure. An extremely low component count and one-piece PCB result in consistently high product quality and reliability, having an excellent intermodulation performance. The mounting brackets enable Tilt or Pan + Tilt options. Two connectors are provided on the base of the unit.



TECHNICAL SPECIFICATION

MODEL 2205

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|-----------------------------------|---|
| Frequency | : 1900 - 2170 MHz |
| Horizontal Beamwidth | : 65° |
| Vertical Beamwidth | : 11.5° |
| Gain | : 16 dBi |
| VSWR | : 1.4:1 max |
| Fixed electrical downtilt options | : 2, 4, 6, 8 or 10° |
| Upper sidelobe suppression | : < 18 dB |
| Below horizon null-fill | : 1st null <18 dB below beam peak |
| Isolation | : 30dB typical |
| Front-to-back ratio | : >30 dB @ ± 180° azimuth |
| Power handling | : 200 Watts |
| Connectors | : 2 x 7/16" DIN (socket at bottom) |
| Dimensions | : 826 mm x 142 mm x 43 mm |
| Operational wind speed | : 45 m/s (160 Km/h) |
| Survival wind speed | : 56 m/s (200 Km/h) |
| Max wind loading (Front) | : 165 N @ 45m/s |
| Weight | : 2.6 Kg |
| Temperature Range | : - 40°C to + 70°C |
| Bracket Options | : Tilt only ± 8° Pan (± 30°) & Tilt (8° down 2° up) |

