



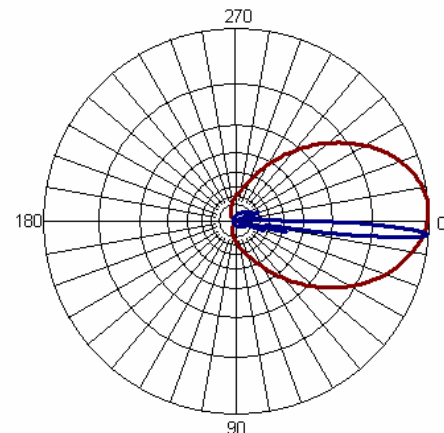
**SINGLE BAND,
DUAL POLARISED ANTENNA
UMTS XP/65/18.5/2, 4, 6 or 10
TYPE: 2211**

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

The '3G Series' of panel antennas from Racal 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. Two connectors are provided on the base of the unit.

TECHNICAL SPECIFICATION

| | |
|---|----------------------------------|
| Frequency | 1900 - 2170MHz |
| Gain | 18.5dBi |
| VSWR | 1.4:1 max |
| Horizontal Beamwidth | 65° |
| Vertical Beamwidth | 5.7° |
| Fixed Electrical Downtilt Options | 2, 4, 6 or 10° |
| Upper Sidelobe Suppression | >18dB |
| 1st Null Fill Below Horizon | <18dB |
| Front-to-Back Ratio | >30 dB @ ± 180° azimuth |
| Isolation | 30dB typical |
| Power Rating | 200W |
| Connectors | 2 x 7/16" DIN (socket at bottom) |
| Dimensions (LxWxD) | 1560 x 142 x 43 mm |
| Operational Wind Speed | 45m/s |
| Survival Wind Speed | 56m/s |
| Max Wind Loading (Front) | 329 N @ 45m/s |
| Weight | 5.0kg |
| Temperature Range | -40°C to +70°C |
| Bracket Options | Tilt ± 8° |



4 Degree Downtilt

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