

## SINGLE BAND, DUAL POLARISED ANTENNA UMTS XP/65/19/2, 4, 6 OR 8 TYPE: 2212

- ❑ SINGLE-BAND 3G APPLICATIONS
- ❑ ULTRA LOW-PROFILE RADOME
- ❑ SIDELobe SUPPRESSION
- ❑ BOTTOM OR TOP CONNECTORS

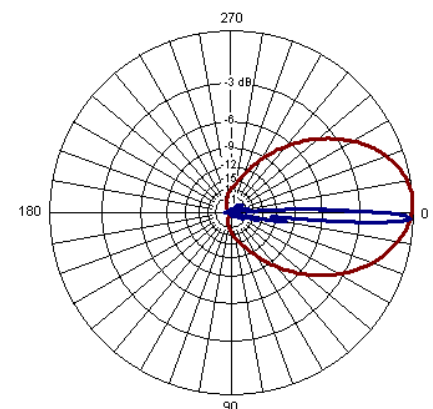
The '3G Series' of panel antennas from Thales have been designed to easily facilitate the installation of Third Generation cellular infrastructure into new or existing networks. A number of models provide variations in gain and fixed electrical downtilt to suit the required cell coverage. Slimline radomes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

### TECHNICAL SPECIFICATION

<b>Frequency</b>	1900 - 2170MHz
<b>Gain</b>	19dBi
<b>VSWR</b>	1.4:1 max
<b>Horizontal Beamwidth</b>	65°
<b>Vertical Beamwidth</b>	5.3°
<b>Fixed Electrical Downtilt</b>	2°, 4°, 6° or 8°
<b>Options</b>	
<b>Upper Sidelobe Suppression</b>	>18dB
<b>1<sup>st</sup> Null Fill Below Horizon</b>	<18dB
<b>Front-to-Back Ratio</b>	>30dB @ ± 180° azimuth
<b>Isolation</b>	30dB
<b>Power Rating</b>	200W
<b>Connectors</b>	2 x 7/16" DIN (socket at bottom or top)
<b>Dimensions ((LxWxD)</b>	1682 x 142 x 43 mm
<b>Operational Wind Speed</b>	45m/s
<b>Survival Wind Speed</b>	56m/s
<b>Max Wind Loading (Front)</b>	359 N @ 45m/s
<b>Weight</b>	4.5kg
<b>Temperature Range</b>	-40°C to +70°C
<b>Bracket Options</b>	Tilt ± 10°



Bottom connector version shown



2 degree down tilt shown