



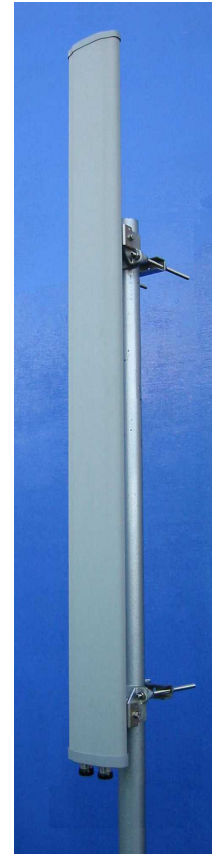
SINGLE BAND, DUAL POLARISED ANTENNA UMTS XP/65/19/2, 4, 6 OR 8 TYPE: 2212

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

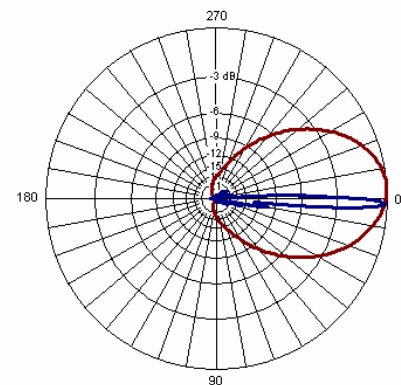
The '3G Series' of panel antennas from Racal have been designed to easily facilitate the installation of Third Generation cellular infrastructure into new or existing networks. A number of models provide variations in gain and fixed electrical downtilt to suit the required cell coverage. Slimline radomes 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

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



Bottom connector version shown



2 degree down tilt shown