



SINGLE BAND, DUAL POLARISED ANTENNA

65°/16 dBi

TYPE: 2205

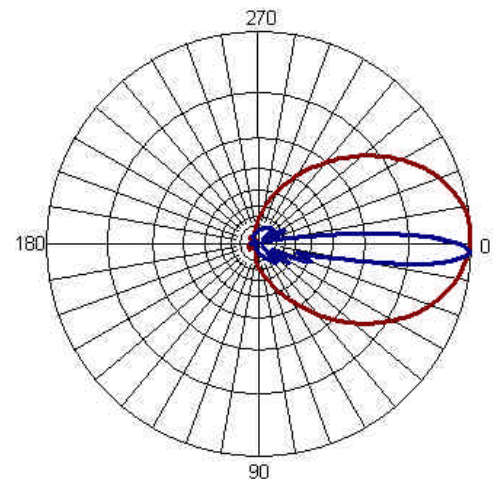
- ❑ SINGLE-BAND 3G APPLICATIONS
- ❑ ULTRA LOW-PROFILE RADOME
- ❑ SIDELOBE SUPPRESSION

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 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

Frequency	: 1900 - 2170MHz
Gain	: 16dBi
VSWR	: 1.4:1 max
Horizontal Beamwidth	: 65°
Vertical Beamwidth	: 11.5°
Fixed Electrical Downtilt Options	: 2, 4, 6, 8 or 10°
Upper Sidelobe Suppression	: >18dB
1 st Null Fill Below Horizon	: <18 dB
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)	: 826 x 142 x 43 mm
Operational Wind Speed	: 45m/s (160 Km/h)
Survival Wind Speed	: 56m/s (200 Km/h)
Max Wind Loading (Front)	: 165 N @ 45m/s
Weight	: 2.6kg
Temperature Range	: - 40°C to + 70°C
Bracket Options	: Tilt ± 10°



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Thales reserve the right to vary in detail from the description and specification in this publication. Issue: 6/01/1