



TWIN BEAM, DUAL POLARISED ANTENNA UMTS XP/2-65/17.5/2 OR 4 TYPE: 2241



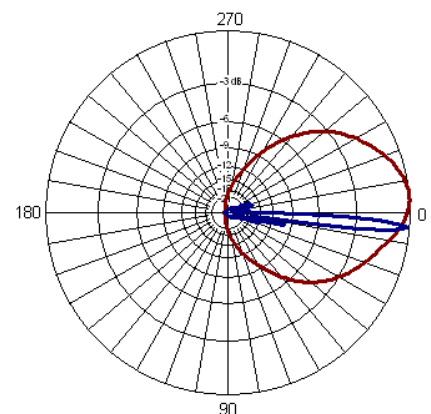
- ❑ UMTS SINGLE BAND
- ❑ HIGH CAPACITY APPLICATIONS
- ❑ LOW-PROFILE RADOME

This 'Twin Beam' model has been designed to double channel capacity at busy sites by replacing the existing single panel. It comprises two separate dual-polar antennas side-by-side in a single radome. This configuration reduces visual impact & simplifies installation, providing cost advantages over separate panels.

Model variants are available giving different gain & electrical downtilt to exactly match your site requirements. All models feature an extremely low component count and one-piece PCB. This results in consistently high product quality and reliability, having an excellent intermodulation performance. The mounting brackets enable Tilt or Pan + Tilt options. Two connectors for each antenna are provided on the base of the unit.

TECHNICAL SPECIFICATION (each sector)

Frequency	1900 - 2170MHz
Gain	17.5dBi
VSWR	1.4:1 max
Horizontal Beamwidth	65°
Vertical Beamwidth	7°
Fixed electrical downtilt options	2° or 4°
Upper Sidelobe suppression	>18dB
1 st null fill Below horizon	<18dB
Front-to-back ratio	>30dB
Isolation	30dB
Power Rating	200W
Connectors	4 x 7/16" DIN (socket at bottom)
Dimensions (LxWxD)	1315 x 275 x 95 mm
Operational wind speed	45m/s
Survival wind speed	56m/s
Max wind loading (Front)	481 N @ 45m/s
Weight	15kg
Temperature Range	-40°C to +70°C
Bracket Options	Tilt 8° Down 2° Up & Pan (± 45°)



4 DEGREE DOWN TILT PLOT

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