



**GSM1800 XP/65/2-17.5
MODEL 100-0024**

- DUAL POLARISATION
- 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	1710-1880 MHz
Horizontal Beamwidth	65°
Vertical Beamwidth	>5°
Gain	17.5 dBi
VSWR	1.4:1 maximum
Front-to-back ratio	>25 dB
Upper sidelobe suppression	>18dB
Fixed electrical downtilt	2°
Power rating	160 watts @ 40°C
Connectors	4 x 7/16" DIN female
Temperature Range	-55°C to +65°C
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	481N @ 45m/s
Mechanical downtilt	8° down, 2° up, ±45° pan
Dimensions (LxWxD mm)	1700 x 275 x 95
Weight (Antenna)	15 Kg

