

## DUAL POLARISED BI-SECTOR ANTENNA GSM1800 XP/2-65/18/2 Type 1030

- ❑ 2 x 65° SECTORS
- ❑ VARIOUS MOUNTING OPTIONS

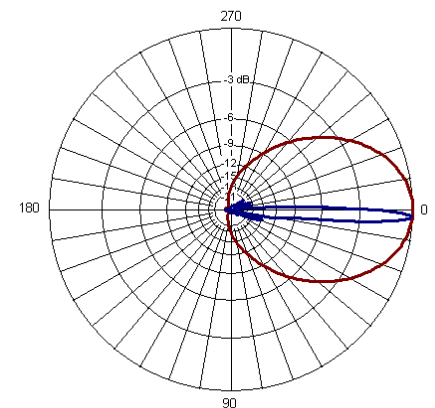
The antenna is based on 2 x 65° antennas mounted back to back within a 167mm diameter radome. This provides a very low profile to ease planning applications. The system can be supplied with mounting hardware to match the user interface. Orientation of the system is carried out by rotation of the complete antenna. Lightning protection is provided via an earth stud & finial.

### TECHNICAL SPECIFICATION (EACH SECTOR)

<b>Frequency</b>	1710-1880MHz
<b>Gain</b>	18dBi
<b>VSWR</b>	1.4:1 max
<b>Horizontal Beamwidth</b>	65°
<b>Vertical Beamwidth</b>	>5°
<b>Fixed Electrical Downtilt</b>	2°
<b>Upper Sidelobe Suppression</b>	>18dB
<b>Front-to-Back Ratio</b>	>25dB
<b>Isolation</b>	>30dB typical
<b>Power Rating</b>	250W
<b>Connectors</b>	2 x 7/16" DIN (4 in total)
<b>Dimensions (L x Diameter)</b>	1709 x 168 mm
<b>Wind Loading</b>	248N @ 45m/s
<b>Operational Wind Speed</b>	45m/s
<b>Survival Wind Speed</b>	56m/s
<b>Weight</b>	17.0kg
<b>Temperature Range</b>	-55°C to +70°C
<b>Flange</b>	Small, large or inline mount available



358MM MOUNTING FLANGE SHOWN



2 DEGREE DOWN TILT PLOT