

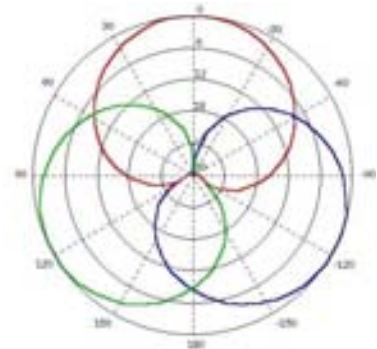
## DUAL POLARISED ANTENNA UMTS XP/65°/19/2, 4, 6 or 8 Type 2290

- ❑ TRI-SECTOR MONOPOLE MOUNTING
- ❑ DUAL POLARISED
- ❑ 3 X 65 DEGREE SECTORS

The antenna system is an array of 3 x 65 degree antennas mounted within a cylinder. The cluster diameter is 167mm, providing a very low profile to ease planning applications. The individual arrays can be supplied with any combination of fixed electrical downtilt to suit the site requirements.

### TECHNICAL SPECIFICATION (EACH SECTOR)

<b>Frequency</b>	1900 - 2170MHz
<b>Gain</b>	19dBi
<b>VSWR</b>	1.4:1 max
<b>Horizontal Beamwidth</b>	65°
<b>Vertical Beamwidth</b>	5°
<b>Fixed Electrical Downtilt Options</b>	2, 4, 6 or 8° in any combination
<b>Upper Sidelobe Suppression</b>	>18dB
<b>1<sup>st</sup> Null Fill Below Horizon</b>	<18dB
<b>Front-to-Back Ratio</b>	>25dB
<b>Isolation</b>	30dB
<b>Power Rating</b>	200W
<b>Impedance</b>	50Ω
<b>Connectors (bottom)</b>	6 x 7/16" DIN
<b>Dimensions (L x Ø)</b>	1709 x 168 mm
<b>Operational Wind Speed</b>	45m/s (160Km/h)
<b>Survival Wind Speed</b>	56m/s (200Km/h)
<b>Max Wind Loading (Front)</b>	248N @ 45m/s
<b>Weight</b>	18.5kg
<b>Temperature Range</b>	-40°C to +70°C
<b>Mounting Options</b>	In-line monopole mount
<b>Lightning Protection</b>	Finial at top of antenna



Azimuth plot showing three sectors

