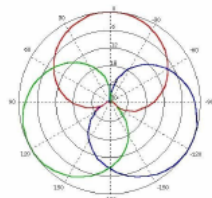


**DUAL POLARISED, TWIN BEAM  
 VARIABLE ELECTRICAL DOWNTILT ANTENNA  
 WIDEBAND XP/65°/18/2-9°  
 WIDEBAND XP/65°/18/2-9°  
 TYPE 1082**

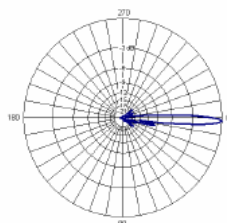
- ❑ GSM1800/UMTS APPLICATIONS
- ❑ TWIN BEAM / DUAL POLARISED
- ❑ VARIABLE ELECTRICAL DOWNTILT

**TECHNICAL SPECIFICATION (EACH PANEL)**

|                            | GSM1800                | UMTS           |
|----------------------------|------------------------|----------------|
| Frequency                  | 1710 – 1880MHz         | 1900 – 2170MHz |
| Gain                       | 17.5dBi                | 18.0dBi        |
| VSWR                       | <1.4:1                 | <1.4:1         |
| Horizontal Beamwidth       | 65°                    | 65°            |
| Vertical Beamwidth         | 6°                     | 5°             |
| Elevation Downtilt         | 2-9°                   | 2-9°           |
| Upper Sidelobe Suppression | >16dB                  | >16dB          |
| Front-to-Back Ratio        | >25dB                  | >25dB          |
| Inter- Port Isolation      | 2° >25dB<br>5° >30dB   |                |
| Inter- Panel Isolation     | >35dB                  |                |
| Power Rating               | 250W                   |                |
| Impedance                  | 50Ω                    |                |
| Connectors (bottom)        | 4 x 7/16" DIN          |                |
| Dimensions (L x W x D)     | 1945 x 290 x 133mm     |                |
| Survival Wind Speed        | 208 km/h               |                |
| Max Wind Loading (Front)   | 550N @160km/h          |                |
| Weight (antenna only)      | 15kg                   |                |
| Temperature Range          | -40°C to +60°C         |                |
| Mounting Options           | -2° to +6° in 1° steps |                |



Azimuth plot showing three sectors



Elevation plot, 2 degree downtilt