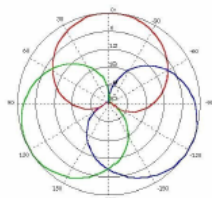


**DUAL POLARISED, TWIN BEAM
 VARIABLE ELECTRICAL DOWNTILT ANTENNA
 WIDEBAND XP/85°/17/2-9°
 WIDEBAND XP/85°/17/2-9°
 TYPE 1087**

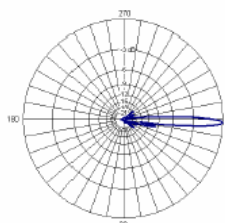
- ❑ GSM1800/UMTS APPLICATIONS
- ❑ TWIN BEAM / DUAL POLARISED
- ❑ VARIABLE ELECTRICAL DOWNTILT

TECHNICAL SPECIFICATION (EACH PANEL)

	GSM1800	UMTS
Frequency	1710 – 1880MHz	1900 – 2170MHz
Gain	16.5dBi	17.0dBi
VSWR	<1.4:1	<1.4:1
Horizontal Beamwidth	85°	85°
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 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