



**DUAL POLARISED, DUAL BAND  
VARIABLE ELECTRICAL DOWNTILT ANTENNA  
GSM1800 XP/85°/17/2-9°  
UMTS XP/65°/18/2-9°  
TYPE 2387**

- ❑ GSM1800/UMTS APPLICATIONS
- ❑ DUAL BAND / DUAL POLARISED
- ❑ VARIABLE ELECTRICAL DOWNTILT

**TECHNICAL SPECIFICATION**

	<b>GSM1800</b>	<b>UMTS</b>
<b>Frequency</b>	1710 – 1880MHz	1900 - 2170MHz
<b>Gain</b>	17dBi	18dBi
<b>VSWR</b>	<1.4:1	<1.4:1
<b>Horizontal Beamwidth</b>	85°	65°
<b>Vertical Beamwidth</b>	5°	5°
<b>Elevation Downtilt</b>	2-9°	2-9°
<b>Upper Sidelobe Suppression</b>	>16dB	>16dB
<b>Front-to-Back Ratio</b>	>25dB	>25dB
<b>Inter-Port Isolation</b>	>30dB	>30dB
<b>Inter-Band Isolation</b>		>35dB
<b>Power Rating</b>		250W
<b>Impedance</b>		50Ω
<b>Connectors (bottom)</b>		4 x 7/16" DIN
<b>Dimensions (L x W x D)</b>	1945 x 290 x 133mm	
<b>Survival Wind Speed</b>	208 km/h	
<b>Max Wind Loading (Front)</b>	550N @160km/h	
<b>Weight (antenna only)</b>	15kg	
<b>Temperature Range</b>	-40°C to +60°C	
<b>Mounting Options</b>	-2° to +6° in 1° steps	

