

**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

	GSM1800	UMTS
Frequency	1710 – 1880MHz	1900 - 2170MHz
Gain	17dBi	18dBi
VSWR	<1.4:1	<1.4:1
Horizontal Beamwidth	85°	65°
Vertical Beamwidth	5°	5°
Elevation Downtilt	2-9°	2-9°
Upper Sidelobe Suppression	>16dB	>16dB
Front-to-Back Ratio	>25dB	>25dB
Inter-Port Isolation	>30dB	>30dB
Inter-Band 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	



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Racal reserve the right to vary in detail from the description and specification in this publication. Issue: 08/03

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