



**VERTICALLY POLARISED, DUAL BAND  
VARIABLE ELECTRICAL DOWNTILT ANTENNA  
GSM1800 VP/115°/16.2/2-9°  
UMTS VP/65°/18/2-9°  
TYPE 2385**

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

**TECHNICAL SPECIFICATION**

	<b>GSM1800</b>	<b>UMTS</b>
<b>Frequency</b>	1710 – 1880MHz	1900 - 2170MHz
<b>Gain</b>	16.2dBi	18dBi
<b>VSWR</b>	<1.4:1	<1.4:1
<b>Horizontal Beamwidth</b>	115°	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>	>24dB	>25dB
<b>Inter-Band Isolation</b>		>35dB
<b>Power Rating</b>		250W
<b>Impedance</b>		50Ω
<b>Connectors (bottom)</b>		2 x 7/16" DIN
<b>Dimensions (L x W x D)</b>		1916 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



INOTEK ANTENNAS LTD

54, Ashdown Road, Chandler's Ford, Eastleigh, Hampshire, SO53 5QJ United Kingdom

Tel: +44 (0) 2380 254289, Fax: +44 (0) 191 3920133, email: sales@inotekantennas.com, www.inotekantennas.com

Inotek Antennas reserve the right to vary in detail from the description and specification in this publication. Issue: 04/07