



## BS ANT 26/90H - P/N 300076

### Technical Specification

<b>Marketing P.N</b>	<b>300076</b>
<b>Production P.N</b>	<b>AN1224</b>
<b>ANT.TYPE</b>	<b>SECTOR 26GHz /90H 15.7dBi</b>
<b>REG. COMP.</b>	<b>ETSI EN 301 215-2 CS1.</b>
<b>1. <u>ELECTRICAL</u></b>	
<b>FREQ. RANGE</b>	<b>24.25 - 26.5GHz</b>
<b>GAIN</b>	<b>15.7dBi</b>
<b>VSWR</b>	<b>1.3:1</b>
<b>AZ. B.W (3dB)</b>	<b>90<sup>0</sup></b>
<b>EL. B.W (3dB)</b>	<b>9<sup>0</sup></b>
<b>ELEC. DOWNTILT</b>	<b>0<sup>0</sup></b>
<b>POLARIZATION</b>	<b>Horizontal</b>
<b>MAX INPUT POWER</b>	<b>10W</b>
<b>INPUT IMPEDANCE</b>	<b>50 Ohms</b>
<b>F/B RATIO</b>	<b>&gt;25dB</b>
<b>CROSS POLAR. (XPD)</b>	<b>&gt;23dB</b>
<b>2. <u>MECHANICAL</u></b>	
<b>DIMENSION (HxWxD)</b>	<b>279x134x41 mm</b>
<b>WEIGHT</b>	<b>2.25Kg.</b>
<b>CONNECTOR</b>	<b>Rectangular Waveguide WR-42</b>
<b>RADOME</b>	

MOUNTING H.W	To RFU.
OUTLINE DRAWING	AN1224
<b>3. ENVIRONMENTAL</b>	
TEMP. RANGE	Operating -30 <sup>0</sup> C to + 70 <sup>0</sup> C
VIBRATION	According to IEC 68-2-36
SHOCK	28g during 11ms x 3 times
WIND LOAD	EN 301 215-1, Table A.1, Table A.2 (Heavy duty).
WIND SPEED (Survival)	200Km/Hr
HUMIDITY	ETS 300 019-1-4 EN 301 215-1 (Annex A.1.1)
WATER IMMERSION	IP-67
SALT FOG	MIL-STD-810E.Method 509.3 for 200 hours, IEC 68-2-11
ICE LOADING	25mm
SOLAR RADIATION	ETS 300 019-1-4
SERVICE LIFE	> 20 years
LIGHTNING PROTECTION	DC GROUNDED According to IEC 1000-4-5

### BS 26 GHz 90H Antenna Patterns

