YAGI Antenna for GSM +11dB

- YAGI Antenna
- 900 / 1800MHz
- Active gain: +11dB
- VSWR <1.5:1
- RG58 Connecting Lead (10metres)
- SMA Male connector
- 50ohm
- ‘U’ Bolt Mount
- All Aluminium
- Alternative Connectors: FME / Mini-UHF / TNC
- Polarization V or H
- Max Power 60W

Applications
- GSM
- Range Extension
- Directional Control

Description
A compact PCB Antenna for GSM Cellular applications where high performance is required from a small size. Using the ANT-GSMQB will give optimum range and reliability to your application.

Part Numbers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Cable Length</th>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT-GSM-YAGI11</td>
<td>570</td>
<td>182</td>
<td>10metres</td>
<td>SMA (M)</td>
</tr>
</tbody>
</table>

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## Performance Data

![Graph of Performance Data]

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2D Pattern @880.0MHz E Plane

Date / Time : 201098 / 18:12
Measurement Distance : 9M*4M*4M (3.6M)
Temperature : 55
Humidity : 20
NETWORK ANALYZER: Agilent 50MHz-20GHz 8720ET
Stand Data: SCHWARZBECK 9120D

Max Gain (dBi) : 8.85
Max Gain@Angle (degree) : 180
Min Gain (dBi) : -19.85
Min Gain@Angle (degree) : 128
Average Gain (dBi) : 1.17
-3dB Angle L (degree) : 208.4
-3db Angle R (degree) : 153
HPB (degree) : 55.4
FBR (dB) : 20.95
YAGI Antenna for GSM +11dB

2D Pattern @880.0MHz H Plane

Date / Time :  201098 / 18:12
Measurement Distance :  9M*4M*4M (3.6M)
Temperature :  55
Humidity :  20
NETWORK ANALYZER:  Agilent 50MHz-20GHz 8720ET
Stand Data:  SCHWARZBECK 9120

Max Gain (dBi)  0.93
Max Gain@Angle (degree)  329
Min Gain (dBi)  -22.81
Min Gain@Angle (degree)  174
Average Gain (dBi)  -4.38
-3dB Angle L (degree)  342.7
-3db Angle R (degree)  317.9
HPB (degree)  24.8
FBR (dB)  5.7