

# 1710~1850MHz 90° 14dBi

## *GSM 1800 VERTICAL POLARIZED PANEL ANTENNA*

**Model No .****ABDB189014**

### Electrical specifications

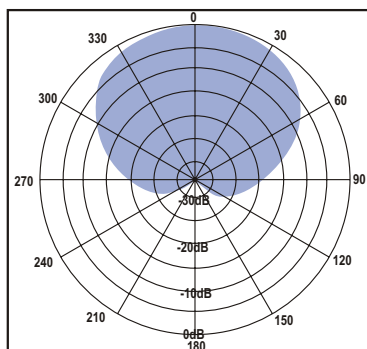
<b>Frequency range</b>	<b>1710~1850 MHz</b>
<b>Gain</b>	<b>14 dBi</b>
<b>VSWR/50 Ohms</b>	<b>≤1.4 (At working frequency≤1.3)</b>
<b>Horizontal beamwidth</b>	<b>90°</b>
<b>Vertical beamwidth</b>	<b>13°</b>
<b>Polarization</b>	<b>Vertical</b>
<b>Maximum input power</b>	<b>600 W</b>
<b>Electrical downtilt</b>	<b>0°</b>
<b>Front-to-back ratio</b>	<b>≥25dB</b>
<b>Connector</b>	<b>N-Female, 7/16 Female</b>
<b>IM.3rd order(2×43dBm)</b>	<b>&lt; -107 dBm</b>
<b>Lightning protection</b>	<b>Direct ground</b>



### Mechanical specifications

<b>Dimensions of antenna(L×W×H)</b>	<b>560 mm × 200 mm × 80.5 mm</b>
<b>Weight of antenna</b>	<b>5.2 Kg</b>
<b>Weight of mounting kits</b>	<b>2.0 Kg</b>
<b>Installation position adjustment</b>	
<b>Horizontal</b>	<b>360°</b>
<b>Angle of pitch</b>	<b>0~15°</b>
<b>Diameter of installation pole</b>	<b>Φ 60~80 mm</b>
<b>Radome material</b>	<b>UV Protected PVC</b>
<b>Rated wind speed</b>	<b>200 Km/h</b>

Horizontal pattern



Vertical pattern

