

# 1710~1850MHz 65° 18dBi

## GSM 1800 VERTICAL POLARIZED PANEL ANTENNA

**Model No . ABDB186518**

### Electrical specifications

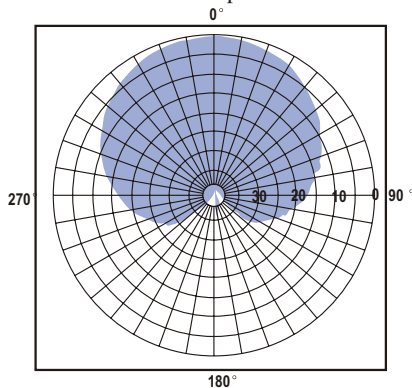
<b>Frequency range</b>	1710~1850 MHz
<b>Gain</b>	18 dBi
<b>VSWR/50 Ohms</b>	≤1.4 (At working frequency≤1.3)
<b>Horizontal beamwidth</b>	65°
<b>Vertical beamwidth</b>	6.5°
<b>Polarization</b>	Vertical
<b>Maximum input power</b>	600 W
<b>Electrical downtilt</b>	0°
<b>Front-to-back ratio</b>	≥25 dB
<b>Connector</b>	N- Female, 7/16Female
<b>IM.3rd order(2×43dBm)</b>	< -107dBm
<b>Lightning protection</b>	Direct ground



### Mechanical specifications

<b>Dimensions of antenna (L×W×H)</b>	1100 mm × 200 mm × 80.5 mm
<b>Weight of antenna</b>	5.0 Kg
<b>Weight of mounting kits</b>	2.0 Kg
<b>Installation position adjustment</b>	
<b>Horizontal</b>	360°
<b>Angle of pitch</b>	0~15°
<b>Diameter of installation pole</b>	Φ 60~80 mm
<b>Radome material</b>	UV Protected PVC
<b>Rated wind speed</b>	200 Km/h

Horizontal pattern



Vertical pattern

