

**Model No .                      ABDTB086512**

**Electrical specifications**

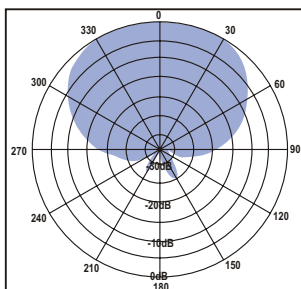
<b>Frequency range</b>	<b>824~896MHz</b>
<b>Gain</b>	<b>12.5±0.5 dBi</b>
<b>VSWR/50 Ohms</b>	<b>≤1.5</b>
<b>Horizontal beamwidth</b>	<b>65°</b>
<b>Vertical beamwidth</b>	<b>20°</b>
<b>Adjustable Elec-downtilt</b>	<b>0° ~13° / 3° ~15°</b>
<b>Polarization</b>	<b>Vertical</b>
<b>Maximum input power</b>	<b>600 W</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>860mm × 268mm × 140mm</b>
<b>Weight of antenna</b>	<b>7.5 Kg</b>
<b>Weight of mounting kits</b>	<b>2.5 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 60~110 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

