

**Model No . ABDBS083312**

### Electrical specifications

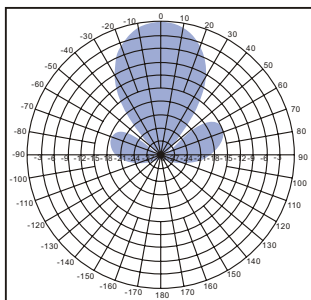
<b>Frequency range</b>	<b>824~896MHz</b>
<b>Gain</b>	<b>12 dBi</b>
<b>VSWR/50 Ohms</b>	<b>&lt; 1.4 (at working frequency &lt;1.3)</b>
<b>Horizontal beamwidth</b>	<b>33°</b>
<b>Vertical beamwidth</b>	<b>70°</b>
<b>Polarization</b>	<b>±45°</b>
<b>Cross-polar discrimination</b>	<b>&gt; 15dB</b>
<b>Maximum input power</b>	<b>600 W</b>
<b>Isolation</b>	<b>&gt; 28 dB</b>
<b>Electrical downtilt</b>	<b>0°</b>
<b>Front-to-back ratio</b>	<b>&gt; 25 dB</b>
<b>Connector</b>	<b>2×N- Female , 2×7/16 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>345 mm×536mm ×118mm</b>
<b>Weight of antenna</b>	<b>8.5 Kg</b>
<b>Weight of mounting kits</b>	<b>3 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 60~110mm</b>
<b>Radome material</b>	<b>UV Protected PVC</b>
<b>Rated wind speed</b>	<b>200 Km/h</b>

Horizontal pattern



Vertical pattern

