

**Model No. ABDBSS08096518 / (3) / (6)**

**Electrical specifications**

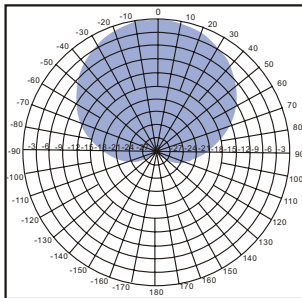
<b>Frequency range</b>	824 ~896 /870~960 MHz
<b>Gain co-polar</b>	17.5 / 18 dBi
<b>VSWR/50 Ohms</b>	< 1.4 ( <1.3 At Working Frequency)
<b>Horizontal beamwidth</b>	65°
<b>Vertical beamwidth</b>	6.5°
<b>Polarization</b>	+45° -45°
<b>Cross-polar discrimination</b>	> 15 dB
<b>Maximum input power</b>	600 W
<b>Isolation</b>	> 30 dB
<b>Electrical downtilt</b>	0° / 3° / 6°
<b>Front-to-back ratio</b>	> 30 dB
<b>Connector</b>	2×N-Female, 2×7/16 Female
<b>IM.3rd order(2×43dBm)</b>	< -107 dBm
<b>Lightning protection</b>	Direct ground



**Mechanical specifications**

<b>Dimensions of antenna (L×W×H)</b>	2575 mm × 262 mm × 118 mm
<b>Weight of antenna</b>	25.0 Kg
<b>Weight of mounting kits</b>	2.75 Kg
<b>Installation position adjustment</b>	
<b>Horizontal</b>	360°
<b>Angle of pitch</b>	0~15°
<b>Diameter of installation pole</b>	Φ 50~110 mm
<b>Radome material</b>	UV Protected PVC
<b>Rated wind speed</b>	200 Km/h

Horizontal pattern



Vertical pattern

