

**Model No. ABDBS083320**

### Electrical specifications

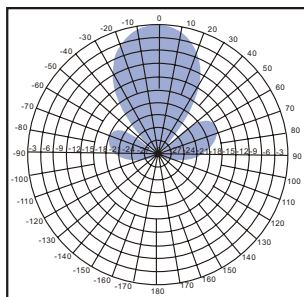
Frequency range	824~896MHz
Gain co-polar	20 dBi
VSWR/50 Ohms	< 1.4
Horizontal beamwidth	33°
Vertical beamwidth	7°
Polarization	±45°
Cross-polar discrimination	> 15 dB
Maximum input power	600 W
Isolation	> 30 dB
Electrical downtilt	0°
Front-to-back ratio	> 30 dB
Connector	2×N- Female , 2×7/16 Female
IM.3rd order(2×43dBm)	< -107 dBm
Lightning protection	Direct ground



### Mechanical specifications

Dimensions of antenna (L×W× H)	2580mm × 535mm × 118 mm
Weight of antenna	38.9Kg
Weight of mounting kits	6.9 Kg
Installation position Adjustment	
Horizontal	360°
Angle of pitch	0~15°
Diameter of installation pole	Φ80~115 mm
Radome material	UV Protected PVC
Rated wind speed	200Km/h

Horizontal pattern



Vertical pattern

