

Model No . ABDTBS089014

Electrical specifications

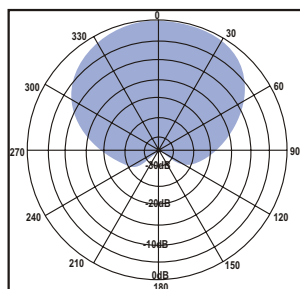
Frequency range	824~896MHz
Gain	14.5±0.5 dBi
VSWR/50 Ohms	≤1.5
Horizontal beamwidth	90°
Vertical beamwidth	9.5°
Adjustable Elec-downtilt	0° ~13° / 3° ~15°
Polarization	Vertical
Cross-polar discrimination	≥15dB
Maximum input power	600 W
Isolation	≥28 dB
Front-to-back ratio	≥23 dB
Connector	N-Female, 7/16 Female
IM.3rd order(2×43dBm)	< -107 dBm
Lightning protection	Direct ground

Mechanical specifications

Dimensions of antenna (L×W×H)	1700 mm× 268mm ×140mm
Weight of antenna	18 Kg
Weight of mounting kits	2.75 Kg
Installation position Adjustment	
Horizontal	360°
Angle of pitch	0~15°
Diameter of installation pole	Φ 60~110 mm
Radome material	UV Protected PVC
Rated wind speed	200 Km/h



Horizontal pattern



Vertical pattern

