

Model No. ABDBSS08/19 65/60 12/13

Electrical specifications

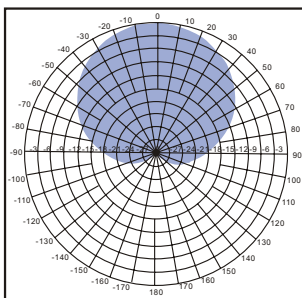
Frequency range	824 ~896 MHz	1850 ~1990MHz
Gain(co-polar)	12.5 dBi	13.5dBi
VSWR/50 Ohms	< 1.4	< 1.5
Horizontal beamwidth	65°	60°
Vertical beamwidth	28°	19°
Polarization	+45° -45°	+45° -45°
Cross-polar discrimination	> 15 dB	>15dB
Maximum input power	600 W	600 W
Isolation	> 30 dB	>30 dB
Electrical downtilt	0°	0°
Front-to-back ratio	> 25 dB	> 25dB
Connector	2×N-Female/2×7/16 Female	2×N-Female/2×7/16 Female
IM.3rd order(2×43dBm)	< -107 dBm	< -107 dBm
Lightning protection	Direct ground	Direct ground



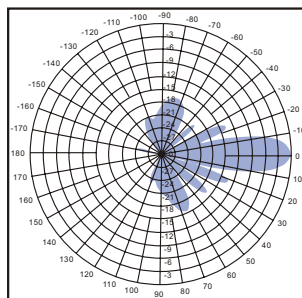
Mechanical specifications

Dimensions of antenna (L×W×H)	660 mm × 262 mm × 118 mm
Weight of antenna	8.5 Kg
Weight of mounting kits	2.75 Kg
Installation position adjustment	
Horizontal	360°
Angle of pitch	0~15°
Diameter of installation pole	Φ 50~110 mm
Radome material	UV Protected PVC
Rated wind speed	200 Km/h

Horizontal pattern



Vertical pattern 824-896 MHz



Vertical pattern 1850-1990 MHz

