

**Model No .                    ADBBSS08/19 65/60 15/17**

**Electrical specifications**

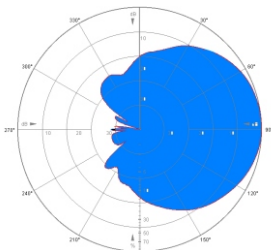
Frequency range	824 ~896 MHz	1850 ~1990 MHz
Gain (co-polar)	15 dBi	17 dBi
Electrical downtilt	0°	0°
Horizontal beamwidth	65°	60°
Vertical beamwidth	14°	8°
Polarization	+45° -45°	+45° -45°
VSWR/50 Ohms	< 1.4	< 1.5
Cross-polar discrimination	> 15 dB	> 15 dB
Maximum input power	600 W	600 W
Isolation	> 30 dB	> 30 dB
Front-back ratio	>30 dB	> 25 dB
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



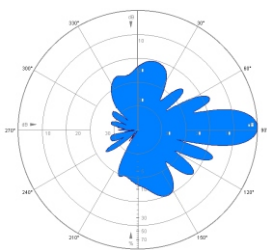
**Mechanical specifications**

Dimensions of antenna (L×W×H)	1300 mm × 262 mm × 118 mm
Weight of antenna	12 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/Fiberglass
Rated wind speed	241 Km/h

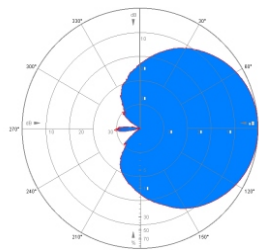
Horizontal Pattern  
824-896MHz



Vertical Pattern  
824-896MHz



Horizontal Pattern  
1850-1990MHz



Vertical Pattern  
1850-1990MHz

