



900/1800MHz 65° /60° 18/19dBi

GSM900/1800 DUAL BAND DUAL POLARIZED PANEL ANTENNA

Model No . ABDBSS09/18 65/60 18/19

Electrical specifications

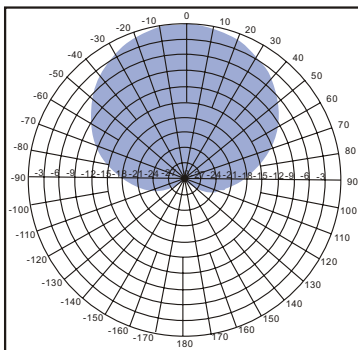
Frequency range	870~960 MHz	1710~1850 MHz
Gain(co-polar)	18 dBi	19dBi
VSWR/50 Ohms	< 1.4	< 1.5
Horizontal beamwidth	65°	60°
Vertical beamwidth	7°	4°
Polarization	+45° -45°	+45° -45°
Cross-polar discrimination	> 15 dB	> 15 dB
Maximum input power	600 W	600 W
Isolation	> 30 dB	> 30 dB
Electrical downtilt	0°	0°
Front-to-back ratio	>30 dB	> 30dB
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



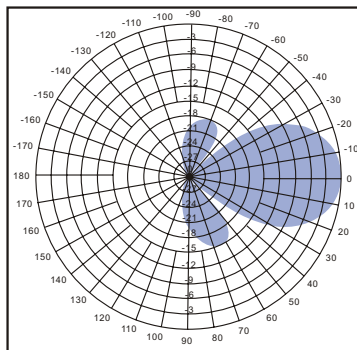
Mechanical specifications

Dimensions of antenna (L×W×H)	2580 mm × 262 mm × 118 mm
Weight of antenna	12.4 Kg
Weight of mounting kits	2.75Kg
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 870-960 MHz



Vertical pattern 1710-1850 MHz

