



900/1800MHz 65° /60° 12.5/13.5dBi

GSM900/1800 DUAL BAND DUAL POLARIZED PANEL ANTENNA

Model No. ABDBSS09/18 65/60 12/13

Model No. ABDBSSL09/18 65/60 12/13 (With Two Build-in Combiners)

Electrical specifications

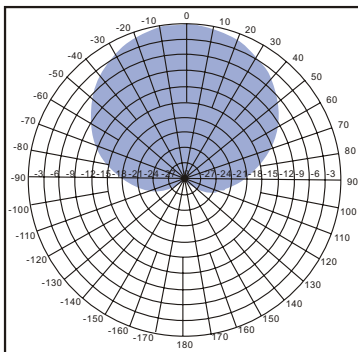
Frequency range	870 ~960 MHz	1710 ~1850MHz
Gain(co-polar)	12.5 dBi	13.5dBi
VSWR/50 Ohms	< 1.4	< 1.5
Horizontal beamwidth	65°	60°
Vertical beamwidth	28°	19°
Polarization	+45° -45°	+45° -45°
Cross-polar discrimination	> 15 dB	>15dB
Maximum input power	600 W	600 W
Isolation	> 30 dB	>30 dB
Electrical downtilt	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



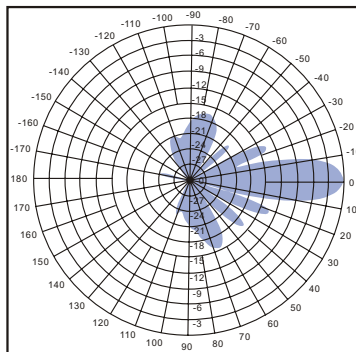
Mechanical specifications

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 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

