

1850~1990MHz 90° 15.5dBi

CDMA 1900MHz DUAL POLAR PANEL ANTENNA

Model No. ABDBS199015 / (3) / (6)

Electrical specifications

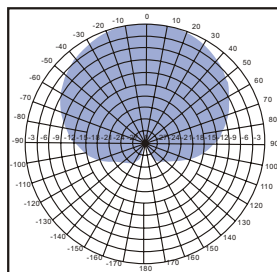
Frequency range	1850~1990MHz
Gain	15.5dBi
VSWR/50 Ohms	< 1.4
Horizontal beamwidth	90°
Vertical beamwidth	9°
Polarization	±45°
Cross-polar discrimination	> 15 dB
Maximum input power	600 W
Isolation	> 28 dB
Electrical downtilt	0° / 3° / 6°
Front-to-back ratio	>30dB
Connector	2×N- Female , 2×7/16 Female
IM.3rd order(2×43dBm)	< -107 dBm
Lightning protection	Direct ground



Mechanical specifications

Dimensions of antenna (L×W×H)	985 mm×155mm ×70mm
Weight of antenna	4.0Kg
Weight of mounting kits	2.0Kg
Installation position Adjustment	
Horizontal	360°
Angle of pitch	0~15°
Diameter of installation pole	Φ 60~80 mm
Radome material	UV Protected PVC
Rated wind speed	200 Km/h

Horizontal pattern



Vertical pattern

