



824~896MHz 33° 18dBi

CDMA 800 DUAL POLAR PANEL ANTENNA

Model No. ABDBS083318

Electrical specifications

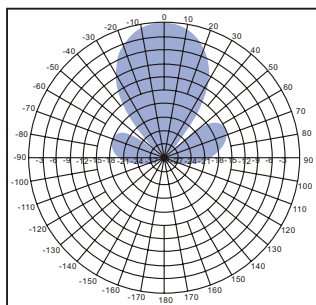
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|----------------------------|-----------------------------------|
| Frequency range | 824~896MHz |
| Gain | 18 dBi |
| VSWR/50 Ohms | < 1.4 (at working frequency <1.3) |
| Horizontal beamwidth | 33° |
| Vertical beamwidth | 14° |
| Polarization | ±45° |
| Cross-polar discrimination | > 15dB |
| Maximum input power | 600 W |
| Isolation | > 30 dB |
| Electrical downtilt | 0° |
| Front-to-back ratio | > 30 dB |
| Connector | 2×N- Female , 2×7/16 Female |
| IM.3rd order(2×43dBm) | < -107 dBm |
| Lightning protection | Direct ground |



Mechanical specifications

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|----------------------------------|----------------------|
| Dimensions of antenna (L×W×H) | 1300 mm×536mm ×118mm |
| Weight of antenna | 25 Kg |
| Weight of mounting kits | 4.5Kg |
| 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 | 200Km/h |

Horizontal pattern



Vertical pattern

