

**Model No . ABDBS199016 / (2) / (4)**

### Electrical specifications

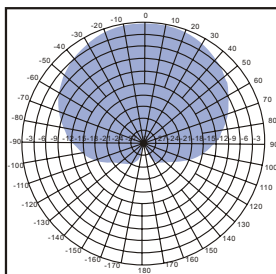
|                                   |                                    |
|-----------------------------------|------------------------------------|
| <b>Frequency range</b>            | <b>1850~1990MHz</b>                |
| <b>Gain</b>                       | <b>16.5dBi</b>                     |
| <b>VSWR/50 Ohms</b>               | <b>&lt; 1.4</b>                    |
| <b>Horizontal beamwidth</b>       | <b>90°</b>                         |
| <b>Vertical beamwidth</b>         | <b>7°</b>                          |
| <b>Polarization</b>               | <b>±45°</b>                        |
| <b>Cross-polar discrimination</b> | <b>&gt; 15 dB</b>                  |
| <b>Maximum input power</b>        | <b>600 W</b>                       |
| <b>Isolation</b>                  | <b>&gt; 28 dB</b>                  |
| <b>Electrical downtilt</b>        | <b>0° / 2° / 4°</b>                |
| <b>Front-to-back ratio</b>        | <b>&gt;25dB</b>                    |
| <b>Connector</b>                  | <b>2×N- Female , 2×7/16 Female</b> |
| <b>IM.3rd order(2×43dBm)</b>      | <b>&lt; -107 dBm</b>               |
| <b>Lightning protection</b>       | <b>Direct ground</b>               |



### Mechanical specifications

|   |                             |
|---|-----------------------------|
| <b>Dimensions of antenna (L×W×H)</b>    | <b>1302 mm×155mm × 70mm</b> |
| <b>Weight of antenna</b>                | <b>7.0Kg</b>                |
| <b>Weight of mounting kits</b>          | <b>2.0Kg</b>                |
| <b>Installation position Adjustment</b> |                             |
| <b>Horizontal</b>                       | <b>360°</b>                 |
| <b>Angle of pitch</b>                   | <b>0~15°</b>                |
| <b>Diameter of installation pole</b>    | <b>Φ 60~80 mm</b>           |
| <b>Radome material</b>                  | <b>UV Protected PVC</b>     |
| <b>Rated wind speed</b>                 | <b>200 Km/h</b>             |

Horizontal pattern



Vertical pattern

