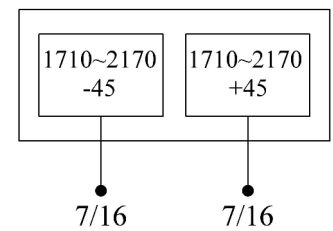


XPol 1710~2170MHz 65° 16dBi 3° Tilt

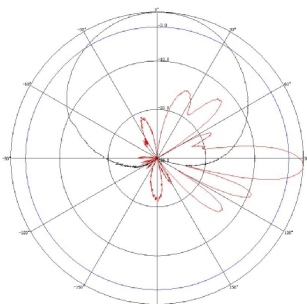
| Electrical specifications | KBT65DP16-1820AT3 | | |
|--|------------------------------|------------------------------|-----------------------------|
| Frequency range (MHz) | 1710~1880 | 1850~1990 | 1920~2170 |
| Polarization | ±45° | | |
| Gain (dBi) | 2×15.5 | 2×15.5 | 2×16 |
| Electrical Downtilt (°) | 3 | | |
| Half-power beam width (°) | Horizontal:68 Vertical:11 | Horizontal:65 Vertical:10 | Horizontal:62 Vertical:9 |
| Sidelobe suppression for first sidelobe above main beam (dB) | ≥15 | | |
| Front-to-back ratio (dB) | ≥25 | | |
| Cross-polar discrimination (dB) | ≥15(±60°≥10) | | |
| Isolation (dB) | ≥30 | | |
| Impedance (Ω) | 50 | | |
| VSWR | ≤1.4 | | |
| Intermodulation IM3 (2×43dBm carrier) | ≤-150dBc | | |
| Maximum power (W) | 200 | | |
| Lighting protection | DC Ground | | |



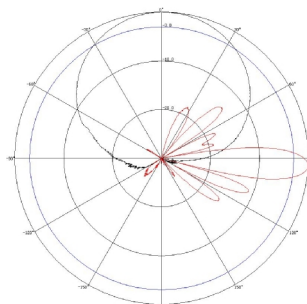
| Mechanical specifications | |
|-----------------------------|------------------|
| Connector | 2×7/16DIN Female |
| Connector position | Bottom |
| Height/width/depth (mm) | 800×160×80 |
| Packing size (mm) | 910×210×150 |
| Weight (kg) | 6.2 |
| Radome material | UPVC |
| Radome color | Gray |
| Mechanical tilt (°) | 0~15 |
| Operating temperature (°C) | -40~60 |
| Rated wind velocity (m/s) | 60 |
| Suitable pole diameter (mm) | 50~115 |
| Mounting kit | JM-1800BZ |



1710~1880MHz: ±45° Pol.



1850~1990MHz: ±45° Pol.



1920~2170MHz: ±45° Pol.

