



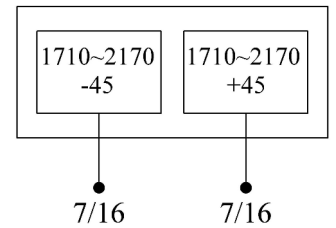
| | |
|----------------------------------|------------------|
| Multi-band Panel | 1710~2170 |
| Dual Polarization | X |
| Half-power Beam Width | 65° |
| Fixed Electrical Downtilt | 3° |

XPol 1710~2170MHz 65° 15dBi 3° Tilt

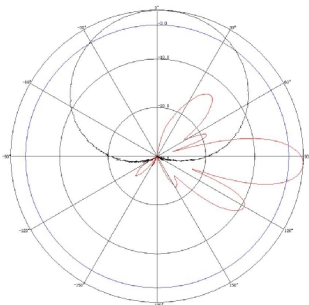
| Electrical specifications | KBT65DP15-1820AT3 | | |
|--|------------------------------|------------------------------|------------------------------|
| Frequency range (MHz) | 1710~1880 | 1850~1990 | 1920~2170 |
| Polarization | ±45° | | |
| Gain (dBi) | 2×14.5 | 2×14.5 | 2×15 |
| Electrical Downtilt (°) | 3 | | |
| Half-power beam width (°) | Horizontal:68 Vertical:16 | Horizontal:65 Vertical:15 | Horizontal:62 Vertical:14 |
| 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 | | |



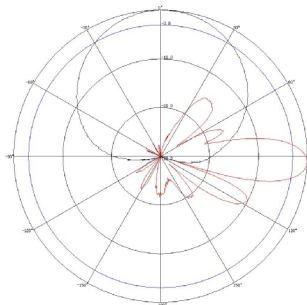
| Mechanical specifications | |
|----------------------------------|------------------|
| Connector | 2×7/16DIN Female |
| Connector position | Bottom |
| Height/width/depth (mm) | 550×160×80 |
| Packing size (mm) | 750×210×160 |
| Weight (kg) | 3 |
| Radome material | UPVC |
| Radome color | Gray |
| Mechanical tilt (°) | 0~15 |
| Operating temperature (°C) | -40~60 |
| Rated wind velocity (m/s) | 60 |
| Suitable pole diameter (mm) | 50~85 |
| Mounting kit | JM-VB1 |



1710~1880MHz: ±45° Pol.



1850~1990MHz: ±45° Pol.



1920~2170MHz: ±45° Pol.

