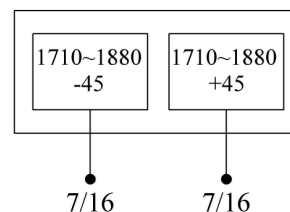


## XPoI 1710~1880MHz 65° 15.5dBi 0° -10° Tilt

| Electrical specifications                                    | KBT65DP16-18AE                |
|--|-------------------------------|
| Frequency range (MHz)  | 1710~1880                     |
| Polarization   | ±45°                          |
| Gain (dBi)   | 2×15.5                        |
| Electrical Downtilt (°)                                      | 0~10                          |
| Half-power beam width (°)                                    | Horizontal:65<br>Vertical:11  |
| Sidelobe suppression for first sidelobe above main beam (dB) | 0°...5°...10°<br>16...15...13 |
| Front-to-back ratio (dB)                                     | ≥25                           |
| Cross-polar discrimination (dB)                              | ≥15(±60°≥10)                  |
| Isolation (dB)   | ≥30                           |
| Impedance (Ω)  | 50                            |
| VSWR   | ≤1.5                          |
| Intermodulation IM3 (2×43dBm carrier)                        | ≤-150dBc                      |
| Maximum power (W)  | 300                           |
| Lighting protection  | DC Ground                     |



| Mechanical specifications      |                           |
|--------------------------------|---------------------------|
| Connector                      | 2×7/16DIN Female          |
| Connector position             | Bottom                    |
| Height/width/depth (mm)        | 890×160×80                |
| Packing size (mm)              | 1250×250×170              |
| Weight (kg)                    | 6.8                       |
| Radome material                | UPVC                      |
| Radome color                   | Gray                      |
| Mechanical tilt (°)            | 0~15                      |
| Operating temperature (□)      | -40~60                    |
| Rated wind velocity (m/s)      | 60                        |
| Suitable pole diameter (mm)    | 50~115                    |
| Mounting kit                   | JM-1800BZ                 |
| Electrical downtilt adjustment | Manual or by optional RCU |



### 1710~1880MHz: ±45° Polarization

