

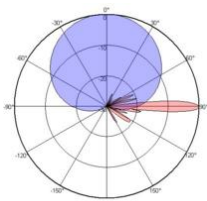
XXPol 1710~2170MHzx2 65° 19.5dBi 2°~8° Integrated RCU (Remote Control Unit) Antenna.

### Electrical specifications

| Frequency Range(MHz)  | 1710-2170 x2                          |           |           |
|---|---------------------------------------|-----------|-----------|
|   | 1710~1880                             | 1850~1990 | 1920~2170 |
| Polarization  | ±45°                                  |           |           |
| Gain (dBi)  | 19.2±0.5                              | 19.3±0.5  | 19.5±0.5  |
| Horizontal 3dB beamwidth (°)                                  | 67±1.9                                | 65±2.3    | 63±2.5    |
| Vertical 3dB beamwidth (°)                                    | 5.1±0.4                               | 4.7±0.3   | 4.4±0.3   |
| Front-to-back ratio (dB)                                      | >27                                   | >27       | >27       |
| Cross-polar ratio (dB)  | >22 (0°)                              | >22 (0°)  | >22 (0°)  |
| Electrical downtilt (°)                                       | 2-8                                   |           |           |
| Sidelobe suppression (dB)<br>(First sidelobe above main beam) | >18                                   | >18       | >18       |
| VSWR  | ≤1.5                                  |           |           |
| Isolation: intra-system (dB)                                  | >28                                   |           |           |
| Isolation: inter-system (dB)                                  | >30                                   |           |           |
| Intermodulation IM3<br>(2x43dBm carrier)                      | ≤-153dBc                              |           |           |
| Impedance (Ω)   | 50                                    |           |           |
| Max. power per input (W) @50°C                                | 250                                   |           |           |
| RET model   | TRCU-TQ10P2V01(Replaceable, Included) |           |           |
| RET protocol  | AISG 2.0 SRET                         |           |           |
| Lightning protection  | DC Ground                             |           |           |

### Mechanical specifications

|  |                 |
|--|-----------------|
| Connector  | 4x4.3-10-Female |
| Connector position                                   | Bottom          |
| Heightxwidthxdepth (mm)                              | 1980x320x105    |
| Packing size (mm)                                    | 2245x420x205    |
| Antenna weight (kg)                                  | 19              |
| Installation kit weight (kg)                         | 5.4             |
| Packing weight (kg)                                  | 28.8            |
| Wind load (N,at 150km/h)<br>Frontal/Lateral/Rearside | 711/173/794     |
| Max. wind velocity (km/h)                            | 216             |
| Radome material                                      | Fiberglass      |
| Radome color   | Gray            |
| Mechanical tilt (°)                                  | 0-10            |
| Operating temperature (°C)                           | -50-65          |
| Mounting hardware (mm)                               | Φ50-Φ115        |



1710-2170MHz