

XXPol 617~894MHzx2 65° 15.6dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications

| Frequency Range(MHz) | 617~894x2 | | |
|---|---------------------------------------|----------|----------|
| | 617-698 | 698-824 | 806-894 |
| Polarization | ±45° | | |
| Gain (dBi) | 14.5±0.5 | 15.1±0.5 | 15.6±0.5 |
| Horizontal 3dB beamwidth (°) | 68±9 | 66±5 | 62±6 |
| Vertical 3dB beamwidth (°) | 13.5±1.0 | 11.5±1.0 | 10.5±1.0 |
| Front-to-back ratio (dB) | >22 | >24 | >25 |
| Cross-polar ratio (dB) | >15(0°) | >16(0°) | >16(0°) |
| Electrical downtilt (°) | 2-12 | | |
| Sidelobe suppression (dB) (First sidelobe above main beam) | >16 | >16 | >17 |
| VSWR | ≤1.5 | | |
| Isolation: intra-system (dB) | ≥26 | | |
| Intermodulation IM3 (2x43dBm carrier) | / | ≤-153dBc | |
| Impedance (Ω) | 50 | | |
| Max. power per input (W) @50°C | 500 | | |
| 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) | 2080x499x178 |
| Packing size (mm) | 2465x620x330 |
| Antenna weight (kg) | 30.3 |
| Installation kit weight (kg) | 5.5 |
| Packing weight (kg) | 42 |
| Wind load (N,at 150km/h) Frontal/Lateral/Rearside | 1160/225/1180 |
| 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 |

