

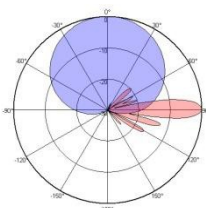
XXXXPoI 698~960MHz×2/1710~2690MHz×2 65°/65° 17/18dBi 2°~12°/2°~10°Integrated RCU (Remote Control Unit) Antenna

Electrical specifications

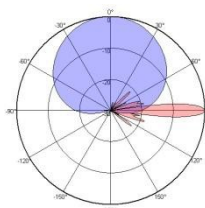
| Frequency Range(MHz) | 698~960 × 2 | | 1710~2690 × 2 | | | |
|---|--|---------|-------------------------------|----------------------------|----------------------------|----------------------------|
| | 698~824 | 824~960 | 1710~1920 | 1920~2200 | 2200~2500 | 2500~2690 |
| Polarization | ±45° | | | | | |
| Gain (dBi) | 16.3 | 17 | 17 | 17.3 | 17.6 | 18 |
| Horizontal 3dB beamwidth (°) | 68 | 65 | 65 | 65 | 60 | 58 |
| Vertical 3dB beamwidth (°) | 9 | 8 | 7 | 6 | 5.5 | 5 |
| Front-to-back ratio (dB) | Typically:co-polar ≥ 25 | | | | | |
| Cross-polar ratio (dB) | Typically ≥ 15(±60° ≥ 10) | | Typically ≥ 15 (±60° ≥ 10) | Typically ≥ 15 (±60° ≥ 8) | Typically ≥ 15 (±60° ≥ 6) | Typically ≥ 15 (±60° ≥ 5) |
| Electrical downtilt (°) | 2~12 | | 2~10 | | | |
| Sidelobe suppression (dB) (First sidelobe above main beam) | 2°...7°...12° 17...16...15 | | 2°...6°...10° 15...14...13 | | | |
| VSWR | <1.5 | | | | | |
| Isolation: intra-system (dB) | ≥ 25 | | | | | |
| Isolation: inter-system (dB) | ≥ 25 | | | | | |
| Intermodulation IM3 (2×43dBm carrier) | ≤ -150dBc | | | | | |
| Impedance (Ω) | 50 | | | | | |
| Max. power per input (W) @50°C | 400 | | 200 | | | |
| RET Model | TRCU-TQ10P2V01 (Replaceable, Included) | | | | | |
| RET Protocol | AISG 2.0 SRET | | | | | |
| Lightning protection | DC Ground | | | | | |

Mechanical specifications

| | |
|--|-----------------|
| Connector | 8×4.3-10-Female |
| Connector position | Bottom |
| Height×width×depth (mm) | 2680×446×165 |
| Packing size (mm) | 3150×570×335 |
| Antenna weight (kg) | 59 |
| Installation kit weight (kg) | 11.5 |
| Packing weight (kg) | 79 |
| Wind load (N,at 150km/h) Frontal/Lateral/Rearside | 1433/374/1517 |
| Max. wind velocity (km/h) | 216 |
| Radome material | Fiberglass |
| Radome color | Gray |
| Mechanical tilt (°) | 0~10 |
| Operating temperature (°C) | -40~60 |
| Mounting hardware (mm) | Φ50~Φ115 |



698~960MHz



1710~2690MHz

