

XXPoI 698~960MHz×2 65° 15dBi 2°~12° Integrated and replaceable RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	698~960×2		
	698~824	824~890	890~960
Polarization	±45°		
Gain at mid tilt (dBi)	13.8	14.4	14.5
Gain over all tilts (dBi)	13.7±0.5	14.3±0.6	14.4±0.4
Horizontal 3dB beamwidth (°)	68±5	65±4	62±4
Vertical 3dB beamwidth (°)	16.4±0.6	15.7±0.5	14.3±0.6
Front-to-back ratio (dB)	>23	>24	>26
Cross-polar ratio (dB)	>15 (±60°>6)	>17 (±60°>7)	>16 (±60°>7)
Electrical downtilt (°)	2~12		
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>18	>18
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Isolation: inter-system (dB)	≥28		
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
RET Model	TRCU-TQ10P2V01(Replaceable Integrated)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

Mechanical specifications

Connector	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1450×446×165
Packing size (mm)	1845×570×320
Antenna weight (kg)	21
Installation kit weight (kg)	5.4
Packing weight (kg)	30
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	716/184/800
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

