

XXPol 617~894MHzx2 65° 14.3dBi 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)	13.3±0.5	13.8±0.5	14.3±0.5
Horizontal 3dB beamwidth (°)	71±5	65±5	60±5
Vertical 3dB beamwidth (°)	17.0±1.5	15.5±1.3	13.5±1.2
Front-to-back ratio (dB)	>22	>24	>24
Cross-polar ratio (dB)	>15(0°)	>15(0°)	>15(0°)
Electrical downtilt (°)	2-12		
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>16	>15
VSWR	≤1.5		
Isolation: intra-system (dB)	≥25		
Intermodulation IM3 (2x43dBm carrier)	/	≤-150dBc	
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)	1499x499x178
Packing size (mm)	1880x620x330
Antenna weight (kg)	21.5
Installation kit weight (kg)	5.4
Packing weight (kg)	31
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	790/165/800
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

