

XXPol 617~894MHzx2 65° 16.3dBi 0°~10° Integrated RCU (Remote Control Unit) Antenna.

### Electrical specifications

Frequency Range(MHz)	617~894x2		
	617-698	698-824	806-894
Polarization	±45°		
Gain (dBi)	15.2±0.5	15.7±0.5	16.3±0.5
Horizontal 3dB beamwidth (°)	69±7	66±5	61±6
Vertical 3dB beamwidth (°)	10.8±0.8	9.5±0.5	8.7±0.6
Front-to-back ratio (dB)	>23	>25	>25
Cross-polar ratio (dB)	>17(0°)	>17(0°)	>18(0°)
Electrical downtilt (°)	0-10		
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>16
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)	2680x499x178
Packing size (mm)	3120x620x330
Antenna weight (kg)	38.3
Installation kit weight (kg)	8.7
Packing weight (kg)	56
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1463/378/1554
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

