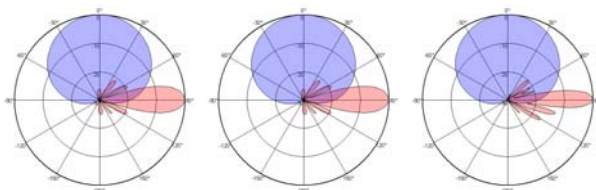


**XXPol 617~894MHz×2 65° 14.3dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna**
**Electrical specifications**

Frequency Range(MHz)	617~894×2		
	617~698	698~824	806~894
Polarization	±45°		
Gain (dBi)	13±0.5	13.5±0.5	14±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		
Isolation: inter-system (dB)	≥25		
Intermodulation IM3 (2×43dBm carrier)	/	≤-150 dBc	
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	4×4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	1499×499×178
Packing size (mm)	1880×620×330
Antenna weight (kg)	21.5
Installation kit weight (kg)	5.4
Packing weight (kg)	31
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	854/228/955
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



617~698MHz

698~824MHz

806~894MHz

