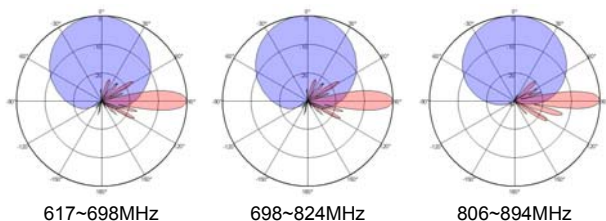


**XXPol 617~894MHz×2 65° 15.6dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna**

Electrical specifications			
Frequency Range(MHz)	617~894×2		
	617~698	698~824	806~894
Polarization	±45°		
Gain at mid tilt (dBi)	14.7	15.3	15.8
Gain over all tilts (dBi)	14.5±0.5	15.1±0.5	15.6±0.5
Horizontal 3dB beamwidth (°)	68±9	66±5	62±6
Vertical 3dB beamwidth (°)	13.5±1	11.5±1	10.5±1
Front-to-back ratio (dB)	>22	>24	>25
Cross-polar ratio (dB)	>15(0°)	>16(0°)	>16(0°)
Electrical downtilt (°)	2~12		
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>16	>17
VSWR	≤1.5		
Isolation: intra-system (dB)	≥26		
Isolation: inter-system (dB)	≥27(R1//R2)		
Intermodulation IM3 (2×43dBm 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	4×4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	2080×499×178
Packing size (mm)	2465×620×330
Antenna weight (kg)	30.3
Installation kit weight (kg)	5.5
Packing weight (kg)	42
Wind load (N.at 150km/h) Frontal/Lateral/Rearside	1226/327/1370
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



617~698MHz

698~824MHz

806~894MHz

