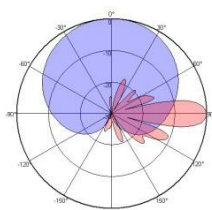


**XXXXPoI 698~960MHz×2/1710~2690MHz×2 65°/65° 14.5/16.8dBi 2°~12°/2°~10° Integrated RCU  
(Remote Control Unit) Antenna**
**Electrical specifications**

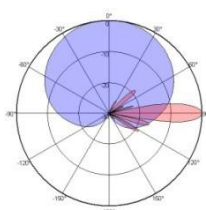
Frequency Range(MHz)	698~960 × 2		1710~2690 × 2			
	698~824	824~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	13.8	14.5	16	16.3	16.5	16.8
Horizontal 3dB beamwidth (°)	68	65	65	65	60	58
Vertical 3dB beamwidth (°)	17.5	15.5	8.5	8	7.5	7
Front-to-back ratio (dB)	Typically:co-polar ≥25					
Cross-polar ratio (dB)	Typically ≥15( ±60°≥10)		Typically≥15 ( ±60°≥10)	Typically≥15 ( ±60°≥8)	Typically≥15 ( ±60°≥6)	Typically≥15 ( ±60°≥6)
Electrical downtilt (°)	2~12		2~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	2°...7°...12° 17...16...15		2°...6°...10° 15...14...13		2°...6°...10° 15...14...13	
VSWR	<1.5					
Isolation: intra-system (dB)	≥25					
Isolation: inter-system (dB)	≥25					
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc					
Impedance (Ω)	50					
Max. power per input (W) @50°C	400		200			
RET Model	TRCU-TQ10P2V01 (Replaceable, Included)					
RET Protocol	AISG 2.0 SRET					
Lightning protection	DC Ground					

**Mechanical specifications**

Connector	8x4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	1450×446×165
Packing size (mm)	1850×570×335
Antenna weight (kg)	45
Installation kit weight (kg)	5.4
Packing weight (kg)	57
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	829/179/926
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



698~960MHz



1710~2690MHz

