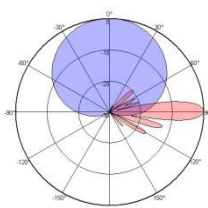


**XXXXPoI 698~960MHzx2/1710~2690MHzx2 65°/65° 15.8/18dBi 2°~12°/2°~10° Integrated RCU
(Remote Control Unit) Antenna**

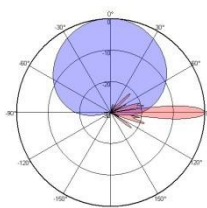
Electrical specifications						
Frequency Range(MHz)	698~960 x2		1710~2690 x2			
	698~824	824~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	15	15.8	17	17.3	17.6	18
Horizontal 3dB beamwidth (°)	66	63	65	65	60	58
Vertical 3dB beamwidth (°)	10.5	9.5	7	6	5.5	5
Front-to-back ratio (dB)	Typically:co-polar ≥25					
Cross-polar ratio (dB)	Typically≥15 (±60°≥10)	Typically≥15 (±60°≥8)	Typically≥15 (±60°≥10)	Typically≥15 (±60°≥8)	Typically≥15 (±60°≥6)	Typically≥15 (±60°≥4)
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			
VSWR	<1.5					
Isolation: intra-system (dB)	≥25					
Isolation: inter-system (dB)	≥25					
Intermodulation IM3 (2x43dBm 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
Heightxwidthxdepth (mm)	2080x446x165
Packing size (mm)	2490x550x265
Antenna weight (kg)	53
Installation kit weight (kg)	7
Packing weight (kg)	67
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1061/276/1123
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



698~960MHz



1710~2690MHz

