

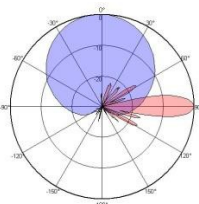
XXXXPoI 698~960MHz/1710~2690MHz×3 65°/65° 15.8/18dBi 2°~12°/2°~10° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications

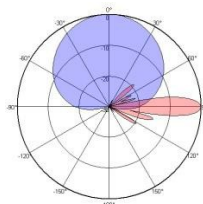
Frequency Range(MHz)	698~960		1710~2690 × 3			
	698~824	824~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	15.3	15.8	17.3	17.5	17.8	18
Horizontal 3dB beamwidth (°)	65	63	68	66	63	60
Vertical 3dB beamwidth (°)	11	9.3	7	6.2	5.7	5.5
Front-to-back ratio (dB)	Typically ≥25					
Cross-polar ratio (dB)	Typically ≥15(±60°≥8)					
Electrical downtilt (°)	2~12		2~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically: 2°...7°...12° 18...17...16		Typically: 2°...6°...10° 17...16...15			
VSWR	<1.5					
Isolation: intra-system (dB)	≥26		≥28			
Isolation: inter-system (dB)	≥30					
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

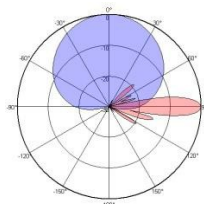
Connector	8x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2080x380x177
Packing size (mm)	2415x485x275
Antenna weight (kg)	30.6
Installation kit weight (kg)	5.4
Packing weight (kg)	41
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	948/300/1060
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



698~960MHz



1710~2690MHz



1710~2690MHz

