

XXXXXPoI 698~960MHz/1710~2690MHzx2/1710~2690MHzx2 65°/65°/65° 16.8/17/16.5dBi
0°~10°/0°~10°/0°~10° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	698~960		1710~2690 × 4			
	698~824	824~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	16.3	16.8	16.3/15.8 (Bottom/Top)	16.5/16 (Bottom/Top)	16.8/16.3 (Bottom/Top)	17/16.5 (Bottom/Top)
Horizontal 3dB beamwidth (°)	68	63	66	64	62	60
Vertical 3dB beamwidth (°)	9.4	7.8	8.3/7.6 (Bottom/Top)	7.3/6.7 (Bottom/Top)	6.6/6.2 (Bottom/Top)	6.3/5.7 (Bottom/Top)
Front-to-back ratio (dB)	Typically ≥25					
Cross-polar ratio (dB)	Typically ≥15(±60°≥8)					
Electrical downtilt (°)	0~10		0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically: 0°...5°...10° 18...17...16		Typically: 0°...5°...10° 18...17...16			
VSWR	<1.5					
Isolation: intra-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	10x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2680x355x165
Packing size (mm)	3075x460x260
Antenna weight (kg)	42.3
Installation kit weight (kg)	8.7
Packing weight (kg)	56.9
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1230/380/1375
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

