

XXXXXXPol 698~960MHzx2/1710~2690MHzx4 65°/65° 17/17dBi 2°~12°/2°~10° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications						
Frequency Range(MHz)	698~960 × 2		1710~2690 × 4			
	698~824	824~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	16.3	17	16.3/16 (Bottom/Top)	16.5/16.2 (Bottom/Top)	16.8/16.5 (Bottom/Top)	17/16.8 (Bottom/Top)
Horizontal 3dB beamwidth (°)	68	65	65	63	60	58
Vertical 3dB beamwidth (°)	10.5	9.5	8.5/7 (Bottom/Top)	8/6.5 (Bottom/Top)	7/6 (Bottom/Top)	6.5/5.5 (Bottom/Top)
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°≥5)	Typically:≥15 (±60°≥5)
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	12x4.3-10 Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2680x446x165
Packing size (mm)	3150x540x265
Antenna weight (kg)	71
Installation kit weight (kg)	11.5
Packing weight (kg)	91
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1328/355/1411
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

