

XXXXXXPol 698~960MHzx2/1710~2690MHzx4 65°/65° 15.8/15.8dBi 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)	15	15.8	15/14.8 (Bottom/Top)	15.2/15 (Bottom/Top)	15.5/15.3 (Bottom/Top)	15.8/15.5 (Bottom/Top)
Horizontal 3dB beamwidth (°)	68	65	67	65	63	60
Vertical 3dB beamwidth (°)	10.5	9.5	8.5/7.5 (Bottom/Top)	8/7 (Bottom/Top)	7.5/6.5 (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° ≥ 6)	Typically: ≥ 15 (±60° ≥ 5)
Electrical downtilt (°)	2~12		2~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically: 2°...7°...12° 17...16...15		Typically: 2°...6°...10° 16...15...14			
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	12x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2080x446x165
Packing size (mm)	2460x540x265
Antenna weight (kg)	61
Installation kit weight (kg)	6.8
Packing weight (kg)	76
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1078/276/1205
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

