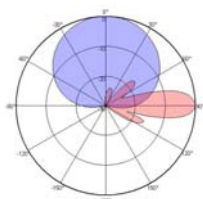


Electrical specifications				
Frequency Range(MHz)	1710~2690×2			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	14.5	14.7	14.9	15.2
Gain over all tilts (dBi)	14.3±0.5	14.5±0.5	14.7±0.5	15.0±0.5
Horizontal 3dB beamwidth (°)	68±3.8	66±3.9	63±4.1	61±4.5
Vertical 3dB beamwidth (°)	13.8±1.2	12.0±1.1	11.2±0.5	10.8±0.7
Front-to-back ratio (dB)	>25	>25	>25	>25
Cross-polar ratio (dB)	>18 (0°)	>18 (0°)	>18 (0°)	>18 (0°)
Electrical downtilt (°)	2~14			
Sidelobe suppression (dB) (First sidelobe above main beam)	>15	>15	>15	>15
VSWR	<1.5			
Isolation: intra-system (dB)	>28			
Isolation: inter-system (dB)	>28			
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	250			
RET Model	TRCU-TQ10P2V01(Replaceable, Included)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications	
Connector	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	800×320×105
Packing size (mm)	1125×420×205
Antenna weight (kg)	9.5
Installation kit weight (kg)	4.1
Packing weight (kg)	15.4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	282/59/316
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



1710~2690MHz

