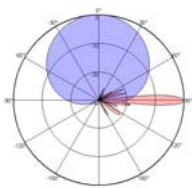


**Electrical specifications**

Frequency Range(MHz)	1710~2170×2		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain at mid tilt (dBi)	19.3	19.5	19.7
Gain over all tilts (dBi)	19.2±0.5	19.3±0.5	19.5±0.5
Horizontal 3dB beamwidth (°)	67±1.9	65±2.3	63±2.5
Vertical 3dB beamwidth (°)	5.1±0.4	4.7±0.3	4.4±0.3
Front-to-back ratio (dB)	>27	>27	>27
Cross-polar ratio (dB)	>22 (0°)	>22 (0°)	>22 (0°)
Electrical downtilt (°)	2~8		
Sideline suppression (dB) (First sidelobe above main beam)	>18	>18	>18
VSWR	<1.5		
Isolation: intra-system (dB)	>28		
Isolation: inter-system (dB)	>30		
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc		
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)	1980×320×105
Packing size (mm)	2245×420×205
Antenna weight (kg)	20.5
Installation kit weight (kg)	5.4
Packing weight (kg)	29.4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	711/173/794
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



1710~2170MHz

