

XXXPol 1710~2690MHzx3 65° 17.9dBi 2°~12° Integrated RCU(Remote Control Unit) Antenna.

Electrical specifications				
Frequency Range(MHz)	1710~2690 x3			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	17.2	17.5	17.9	17.9
Gain over all tilts (dBi)	17.0±0.9	17.3±0.7	17.5±0.5	17.7±0.3
Horizontal 3dB beamwidth (°)	66±7	65±5	62±4	60±4
Vertical 3dB beamwidth (°)	7.8±0.7	6.8±0.6	6.2±0.5	5.6±0.4
Front-to-back ratio (dB)	>28	>28	>28	>28
Cross-polar ratio (dB)	>18 (0°)	>18 (0°)	>16 (0°)	>16 (0°)
Electrical downtilt (°)	2-12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>16	>16	>16
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2x43dBm 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	6x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1360x398x105
Packing size (mm)	1670x475x181
Antenna weight (kg)	19.1
Installation kit weight (kg)	5.4
Packing weight (kg)	27.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	677/186/714
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

