

XXPol 1710~2690MHzx2 33° 20.5dBi 0°~10° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications				
Frequency Range(MHz)	1710~2690x2			
	1710~1990	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	19±0.5	19.5±0.5	20±0.5	20.5±0.5
Horizontal 3dB beamwidth (°)	37±3	34±4	30±4	27±3
Vertical 3dB beamwidth (°)	6.8±0.5	6.1±0.4	5.4±0.4	5.0±0.3
Front-to-back ratio (dB)	>25	>25	>25	>25
Cross-polar ratio (dB)	>15 (0°)	>15 (0°)	>15 (0°)	>15 (0°)
Electrical downtilt (°)	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>17	>17	>16
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2x43dBm carrier)	≤-150 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	4x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1360x530x115
Packing size (mm)	1680x605x235
Antenna weight (kg)	23.2
Installation kit weight (kg)	5.4
Packing weight (kg)	32.4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	811/123/906
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

