

XXXPol 1710~2690MHz×3 65° 18dBi 0°~10° Integrated RCU (Remote Control Unit) Antenna.
Electrical specifications

Frequency Range(MHz)	1710~2690×3			
	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain at mid tilt (dBi)	17.2	17.5	17.7	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)	>16 (±60°>11)	>16 (±60°>11)	>15 (±60°>10)	>15 (±60°>10)
Electrical downtilt (°)	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>16	>15	>15
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	300			
RET Model	TRCU-TQ10P2V01(Replaceable, Included)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications

Connector	6×4.3-10Female
Connector position	Bottom
Height×width×depth (mm)	1360×398×105
Packing size (mm)	1670×475×181
Antenna weight (kg)	17.5
Installation kit weight (kg)	5.6
Packing weight (kg)	26.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	718/186/718
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

