

XXPol 694~960MHzx2 65° 14.6dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications

Frequency Range(MHz)	694~960x2		
	694~824	824~890	890-960
Polarization	±45°		
Gain (dBi)	13.8	14.4	14.5
Horizontal 3dB beamwidth (°)	13.7±0.5	14.3±0.6	14.4±0.4
Vertical 3dB beamwidth (°)	68±5	65±4	62±4
Front-to-back ratio (dB)	16.4±0.6	15.7±0.5	14.3±0.6
Cross-polar ratio (dB)	>23	>24	>26
Electrical downtilt (°)	>15 (±60°>6)	>17 (±60°>7)	>16 (±60°>7)
Sidelobe suppression (dB) (First sidelobe above main beam)	2-12		
VSWR	>16	>18	>18
Isolation: intra-system (dB)	<1.5		
Isolation: inter-system (dB)	≥28		
Intermodulation IM3 (2x43dBm carrier)	≥28		
Impedance (Ω)	≤-153dBc		
Max. power per input (W) @50°C	50		
RET model	400		
RET protocol	TRCU-TQ10P2V01(Replaceable, Included)		
Lightning protection	AISG 2.0 SRET		

Mechanical specifications

Connector	4x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1450x446x165
Packing size (mm)	1835x675x320
Antenna weight (kg)	20.5
Installation kit weight (kg)	5.4
Packing weight (kg)	29.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	854/228/955
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

