

XXPol 694~960MHzx2 65° 16dBi 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)	15	15.8	16
Horizontal 3dB beamwidth (°)	14.8±0.5	15.5±0.5	15.8±0.5
Vertical 3dB beamwidth (°)	68±5	65±4	62±4
Front-to-back ratio (dB)	11.5±0.8	11±0.6	9.5±0.5
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	>17	>17
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)	1980x446x165
Packing size (mm)	2360x675x320
Antenna weight (kg)	27.5
Installation kit weight (kg)	5.4
Packing weight (kg)	37
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1226/327/1370
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

