

XXPoI 698~960MHzx2 65° 14.5dBi 2°~14° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	698~960 × 2		
	698~824	824~890	890~960
Polarization	±45°		
Gain (dBi)	13.8	14.2	14.5
Horizontal 3dB beamwidth (°)	70	66	63
Vertical 3dB beamwidth (°)	17.5	16	15
Front-to-back ratio (dB)	Typically ≥23		
Cross-polar ratio (dB)	Typically ≥15(±60°≥10)		
Electrical downtilt (°)	2~14		
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically 2°...8°...14° 17...16...15		
VSWR	<1.5		
Isolation: intra-system (dB)	≥25		
Isolation: inter-system (dB)	≥25		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
RET Model	TY-RCUB20-T2 (Internal)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	DC Ground		

Mechanical specifications

Connector	4x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1450x500x158
Packing size (mm)	1845x620x330
Antenna weight (kg)	35
Installation kit weight (kg)	5.4
Packing weight (kg)	47
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	829/171/926
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

