

XXPoI 698~960MHzx2 65° 16.5dBi 2°~10° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications			
Frequency Range(MHz)	698~960 x2		
	698~824	824~890	890~960
Polarization	±45°		
Gain (dBi)	15.8	16	16.3
Horizontal 3dB beamwidth (°)	68	65	62
Vertical 3dB beamwidth (°)	11.5	11	10.5
Front-to-back ratio (dB)	Typically:≥28		
Cross-polar ratio (dB)	Typically:≥15(±60°≥8)		
Electrical downtilt (°)	2~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically 2°...6°...10° 18...17...17	Typically 2°...6°...10° 18...17...16	Typically 2°...6°...10° 18...17...15
VSWR	≤1.5		
Isolation: intra-system (dB)	≥28		
Isolation: inter-system (dB)	≥30		
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)	1980x500x160
Packing size (mm)	2320x745x315
Antenna weight (kg)	36
Installation kit weight (kg)	11.5
Packing weight (kg)	51
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1300/250/1543
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

