

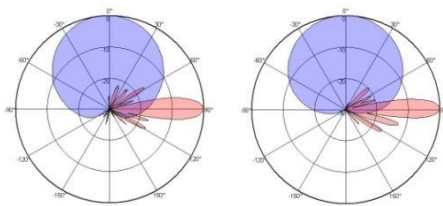
**XPoI 698~960MHz 65° 16.5dBi 0°~10° Manual or by optional RCU (Remote Control Unit) Antenna**

**Electrical specifications**

Frequency Range(MHz)	698~960	
	698~824	824~960
Polarization	±45°	
Gain (dBi)	15.8	16.5
Horizontal 3dB beamwidth (°)	68	65
Vertical 3dB beamwidth (°)	11.5	10.2
Front-to-back ratio (dB)	≥25	
Cross-polar ratio (dB)	Typically ≥18(±60° ≥10)	
Electrical downtilt (°)	0~10	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 17...16...15	
VSWR	<1.5	
Isolation: intra-system (dB)	≥30	
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc	
Impedance (Ω)	50	
Max. power per input (W) @50°C	300	
RET Model	TY-ICUB20 (Replaceable, Not included)	
RET Protocol	AISG 2.0 SRET	
Lightning protection	DC Ground	

**Mechanical specifications**

Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1980x300x146
Packing size (mm)	2355x400x280
Antenna weight (kg)	18.2
Installation kit weight (kg)	5.4
Packing weight (kg)	29
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	745/228/832
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



698~824MHz

824~960MHz

