

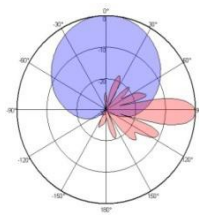
XPoI 698~960MHz 65° 15dBi 0°~15° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

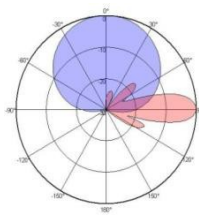
Frequency Range(MHz)	698~960	
	698~824	824~960
Polarization	±45°	
Gain (dBi)	14.5	15
Horizontal 3dB beamwidth (°)	68	65
Vertical 3dB beamwidth (°)	17.4	14.8
Front-to-back ratio (dB)	≥25	
Cross-polar ratio (dB)	Typically ≥15(±60° ≥10)	
Electrical downtilt (°)	0~15	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...7°...15°	16...15...14
VSWR	<1.5	
Isolation: intra-system (dB)	≥28	
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc	
Impedance (Ω)	50	
Max. power per input (W) @50°C	400	
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)	1380x300x146
Packing size (mm)	1715x400x280
Antenna weight (kg)	13.4
Installation kit weight (kg)	5.3
Packing weight (kg)	22
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	452/155/537
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



698~824MHz



824~960MHz

