

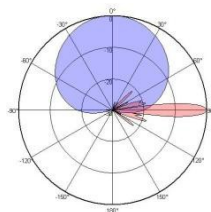
XXPoI 790~960MHzx2 65° 17.5dBi 0°~8° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

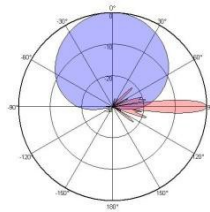
Frequency Range(MHz)	790~960 x2	
	790~896	870~960
Polarization	±45°	
Gain (dBi)	17	17.5
Horizontal 3dB beamwidth (°)	66	64
Vertical 3dB beamwidth (°)	7.5	7
Front-to-back ratio (dB)	≥25	
Cross-polar ratio (dB)	≥15(±60°≥10)	
Electrical downtilt (°)	0~8	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...4°...8° 15...15...15	0°...4°...8° 16...15...14
VSWR	<1.5	
Isolation: intra-system (dB)	≥30	
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	4x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2580x550x146
Packing size (mm)	3030x680x265
Antenna weight (kg)	47
Installation kit weight (kg)	8.6
Packing weight (kg)	63
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1552/257/1843
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



790~896MHz



870~960MHz

