

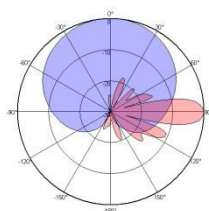
XXPoI 790~960MHz/1710~2170MHz 65°/65° 17/17.8dBi 0°~10°/0°~8° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

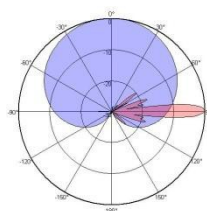
Frequency Range(MHz)	790~960		1710~2170		
	790~896	870~960	1710~1880	1850~1990	1920~2170
Polarization	±45°				
Gain (dBi)	16.5	17	17.3	17.5	17.8
Horizontal 3dB beamwidth (°)	66	63	68	64	60
Vertical 3dB beamwidth (°)	8	7.5	6.5	6.2	5.9
Front-to-back ratio (dB)	≥30 (Copolar at 180°)				
Cross-polar ratio (dB)	≥15(±60°≥10)				
Electrical downtilt (°)	0~10		0~8		
Sidelobe suppression (dB)	0°...5°...10°		0°...4°...8°		
(First sidelobe above main beam)	15...15...14		16...15...13		
VSWR	<1.5				
Isolation: intra-system (dB)	≥30				
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc				
Impedance (Ω)	50				
Max. power per input (W) @50°C	400		200		
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)	2580x270x140
Packing size (mm)	2955x365x220
Antenna weight (kg)	28
Installation kit weight (kg)	4.3
Packing weight (kg)	37
Wind load (N,at 150km/h)	870/286/1034
Frontal/Lateral/Rearside	
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



790~960MHz



1710~2170MHz

