

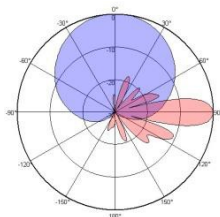
**XXXPoI 790~960MHz/1710~2690MHzx2 65°/Dual-beam 33° 14.5/19dBi 0°~10°/0°~10° Manual or by optional RCU (Remote Control Unit) Antenna**

**Electrical specifications**

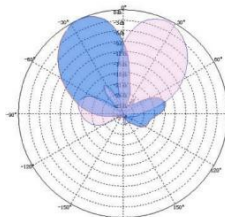
Frequency Range(MHz)	790~960		1710~2170 x2	
	790~896	880~960	1710~1920	1920~2170
Polarization	±45°			
Gain (dBi)	14.2	14.5	18.1	19
Horizontal 3dB beamwidth (°)	68	63	43	36
Vertical 3dB beamwidth (°)	13.8	12.5	7.7	6.8
Front-to-back ratio (dB)	≥25		≥25	
Cross-polar ratio (dB)	Typically ≥15(±60°≥10)		Typically ≥15(Main direction)	
Electrical downtilt (°)	0~14		0~10	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...7°...14° 15...15...13		0°...5°...10° 16...15...13	
VSWR	<1.5			
Isolation: intra-system (dB)	≥25			
Isolation: inter-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	6x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2680x400x150
Packing size (mm)	3035x490x265
Antenna weight (kg)	35.5
Installation kit weight (kg)	9
Packing weight (kg)	50.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1406/560/1572
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



790~960 MHz



1710~2170 MHz

