

XXXPol 790~862MHz/880~960MHz/1710~2170MHz 65°/65°/65° 16/16.5/17.8dBi 0°~10°/0°~10°/0°~10°
 Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	790~862	880~960	1710~2170		
	790~862	880~960	1710~1880	1855~1990	1920~2170
Polarization	±45°				
Gain (dBi)	16	16.5	17	17.3	17.8
Horizontal 3dB beamwidth (°)	66	63	68	65	60
Vertical 3dB beamwidth (°)	7.5	7	6	5.5	5
Front-to-back ratio (dB)	≥25				
Cross-polar ratio (dB)	≥15(Typically ±60°≥10)				
Electrical downtilt (°)	0~10	0~10	0~8		
Sidelobe suppression (dB)	0°...5°...10°	0°...5°...10°	0°...4°...8°		
(First sidelobe above main beam)	15...15...13	15...15...13	15...15...13		
VSWR	<1.5				
Isolation: intra-system (dB)	≥28				
Isolation: inter-system (dB)	≥30				
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc				
Impedance (Ω)	50				
Max. power per input (W) @50°C	300	300	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)	2680x355x165
Packing size (mm)	3015x460x260
Antenna weight (kg)	40.2
Installation kit weight (kg)	11.1
Packing weight (kg)	58.7
Wind load (N,at 150km/h)	1002/291/1190
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

