

XXXXPoI 698~862MHz/880~960MHz/1710~2690MHz×2 65°/65°/65° 14/14.5/17dBi 0°~10°/0°~10°/0°~10°
 Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	698~862	880~960	1710~2690 × 2			
	698~862	880~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	14	14.5	16.3	16.5	16.8	17
Horizontal 3dB beamwidth (°)	68	63	66	64	62	60
Vertical 3dB beamwidth (°)	17.2	14.8	8.3	7.3	6.6	6.3
Front-to-back ratio (dB)	Typically ≥25					
Cross-polar ratio (dB)	Typically ≥15(±60°≥10)					
Electrical downtilt (°)	0~10	0~10	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically 0°...5°...10° 17...16...15	Typically 0°...5°...10° 17...16...15	Typically 0°...5°...10° 17...16...15			
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	300	300	200			
RET Model	TY-ICUB20 (Replaceable, Not Included)					
RET Protocol	AISG 2.0 SRET					
Lightning protection	DC Ground					

Mechanical specifications

Connector	8x7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1450×355×165
Packing size (mm)	1835×460×260
Antenna weight (kg)	26.2
Installation kit weight (kg)	5.4
Packing weight (kg)	36.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	598/187/669
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

