

XXPol 698~960MHz/1710~2690MHz 65°/65° 14.5/17.2dBi 2°~15°/2°~12° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	698~960		1710~2690			
	698~824	824~960	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°					
Gain (dBi)	14.3	15	16.3	16.5	16.8	17.2
Horizontal 3dB beamwidth (°)	68	63	67	65	63	60
Vertical 3dB beamwidth (°)	17.5	14.8	7.3	6.8	6.5	5.5
Front-to-back ratio (dB)	Typically: ≥25					
Cross-polar ratio (dB)	Typically: ≥15(±60°≥8)					
Electrical downtilt (°)	2~15		2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically: 2°...7°...12°...15° 16...15...15...14		Typically: 2°...7°...12° 16...15...14			
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	4x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1450x300x146
Packing size (mm)	1785x400x2 80
Antenna weight (kg)	18.3
Installation kit weight (kg)	5.4
Packing weight (kg)	27.6
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	514/168/574
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

