

XXXPol 790~960MHz/1710~2170MHz×2 65°/65° 14.6/16.8dBi 0°~14°/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	1710~1880	1850~1990	1920~2170
Polarization	±45°				
Gain (dBi)	14.2	14.6	16.3	16.5	16.8
Horizontal 3dB beamwidth (°)	68	64	68	64	62
Vertical 3dB beamwidth (°)	14.5	13.5	7	6.5	5.8
Front-to-back ratio (dB)	≥25				
Cross-polar ratio (dB)	≥15(±60°≥8)				
Electrical downtilt (°)	0~14		0~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...7°...14° 15...15...13		0°...5°...10° 15...15...13	0°...5°...10° 15...14...14	0°...5°...10° 15...14...14
VSWR	<1.5				
Isolation: intra-system (dB)	≥28				
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
Height×width×depth (mm)	1550×355×165
Packing size (mm)	1930×460×260
Antenna weight (kg)	22.6
Installation kit weight (kg)	5.5
Packing weight (kg)	32.1
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	629/197/703
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

