

XXXPol 790~960MHz/1710~2170MHz×2 65°/65° 15.8/17.5dBi 0°~10°/0°~10° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	790~960		1710~2170 ×2	
	790~896	880~960	1710~1880	1920~2170
Polarization	±45°			
Gain (dBi)	15.5	15.8	17	17.5
Horizontal 3dB beamwidth (°)	68	63	65	63
Vertical 3dB beamwidth (°)	10	9	6	5
Front-to-back ratio (dB)	≥25			
Cross-polar ratio (dB)	≥15(±60°Typically: ≥8)			
Electrical downtilt (°)	0~10		0~8	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 16...15...14	0°...5°...10° 16...14...14	0°...5°...10° 16...15...14	0°...5°...10° 15...15...13
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Isolation: inter-system (dB)	≥30			
Intermodulation IM3 (2×43dBm 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)	1980×355×165
Packing size (mm)	2360×460×260
Antenna weight (kg)	28.8
Installation kit weight (kg)	5.5
Packing weight (kg)	39.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	830/346/928
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

