

XXXPol 790~960MHz×2/1710~2170MHz 65°/65° 16/17.8dBi 0°~10°/0°~8° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications				
Frequency Range(MHz)	790~960 ×2		1710~2170	
	790~896	880~960	1710~1880	1920~2170
Polarization	±45°			
Gain (dBi)	15.5	16	17.3	17.8
Horizontal 3dB beamwidth (°)	68	64	68	62
Vertical 3dB beamwidth (°)	10	9.5	6	5
Front-to-back ratio (dB)	Typ.≥28			
Cross-polar ratio (dB)	Typically≥15(±60°≥10)			
Electrical downtilt (°)	0~10		0~8	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 16...15...14	0°...5°...10° 16...15...13	0°...4°...8° 16...15...13	
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
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	6×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1980×550×146
Packing size (mm)	2370×660×260
Antenna weight (kg)	39.5
Installation kit weight (kg)	5.4
Packing weight (kg)	51.76
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1437/283/1437
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

