

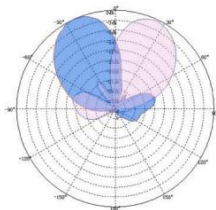
XXPol 1710~2170MHzx2 Dual-beam 33° 20dBi 2°~10° Manual or by optional Replaceable RCU (Remote Control Unit) Antenna

Electrical specifications

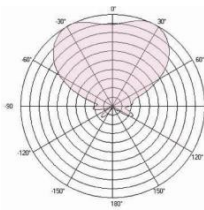
Frequency Range(MHz)	1710-2170 x2		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	19.3	19.6	20
Horizontal 3dB beamwidth (°)	43	38	36
Vertical 3dB beamwidth (°)	8	7	6.5
Front-to-back ratio (dB)	Typically ≥30 (Co-polar)		
Cross-polar ratio (dB)	≥15(Main direction)		
Electrical downtilt (°)	2~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	2°...6°...10° 16...15...14		
VSWR	<1.5		
Isolation: intra-system (dB)	≥30		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	200		
RET Protocol	AISG 2.0 SRET		
RET Model	TY-ICUB20 (Replaceable, Not included)		
Lightning protection	DC Ground		

Mechanical specifications

Connector	4x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1460x400x150
Packing size (mm)	1845x490x265
Antenna weight (kg)	23.4
Installation kit weight (kg)	5.3
Packing weight (kg)	33
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	690/169/771
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



Single antenna pattern



Synthetical pattern

