

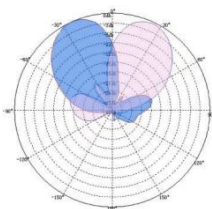
XXPol 1710~2690MHzx2 Dual-beam 33° 20dBi 2°~12° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

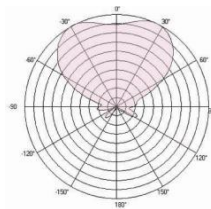
Frequency Range(MHz)	1710~2690 x2			
	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	19.3	19.5	19.7	20
Horizontal 3dB beamwidth (°)	44	37	34	31
Vertical 3dB beamwidth (°)	7.2	6.4	5.5	5
Front-to-back ratio (dB)	≥28(copolar at 180°)			
Cross-polar ratio (dB)	≥15(Main direction)			
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16(at 2° tilt)		≥15(at 2° tilt)	
VSWR	<1.5			
Isolation: intra-system (dB)	≥30			
Isolation: inter-system (dB)	≥30			
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	300			
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)	1400x400x150
Packing size (mm)	1715x490x265
Antenna weight (kg)	21
Installation kit weight (kg)	5.3
Packing weight (kg)	31
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	622/194/661
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



Single antenna pattern



Synthetical pattern

