

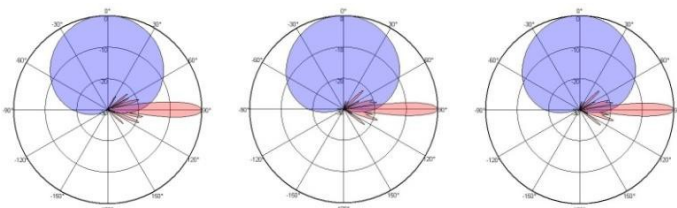
XPoL 1710~2170MHz 65° 18dBi 0°~10° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	1710-2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	17.5	17.7	18
Horizontal 3dB beamwidth (°)	67	65	63
Vertical 3dB beamwidth (°)	7.5	6.7	6.3
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15(±60°Typically≥10)		
Electrical downtilt (°)	0~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 16...15...15	0°...5°...10° 16...15...15	0°...5°...10° 16...15...14
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	300		
RET Model	TY-ICUB20 (Replaceable, Not included)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	DC Ground		

Mechanical specifications

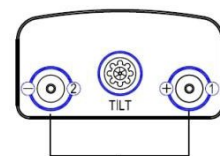
Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1360x160x80
Packing size (mm)	1850x210x155
Antenna weight (kg)	6.4
Installation kit weight (kg)	4.1
Packing weight (kg)	12.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	270/90/320
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



1710~1880MHz

1850~1990MHz

1920~2170MHz



1710-2170