

XPoL 1710~2170MHz 65° 15dBi 0°~12° 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)	14.5	14.7	15
Horizontal 3dB beamwidth (°)	66	65	63
Vertical 3dB beamwidth (°)	15	13	12
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15(±60°≥10)		
Electrical downtilt (°)	0~12		
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...6°...12° 15...15...14	0°...6°...12° 15...15...14	0°...6°...12° 15...15...13
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	200		
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)	800x160x80
Packing size (mm)	1295x215x155
Antenna weight (kg)	4.5
Installation kit weight (kg)	2.8
Packing weight (kg)	8.5
Max. wind velocity (km/h)	216
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	148/50/166
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

