

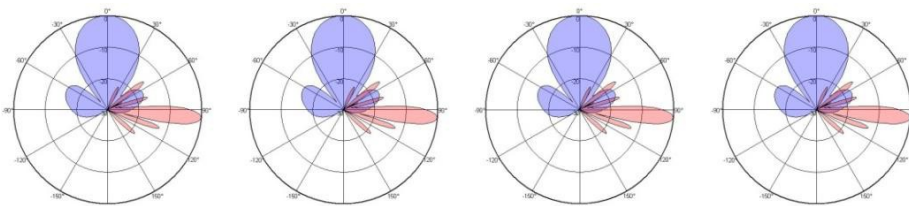
XPoI 1710~2690MHz 33° 20.5dBi 0°~10° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	1710~2690			
	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	19.5	20	20	20.5
Horizontal 3dB beamwidth (°)	37	34	30	27
Vertical 3dB beamwidth (°)	7.5	7	6	5.5
Front-to-back ratio (dB)	Typ.≥27			
Cross-polar ratio (dB)	≥15(±15°≥10)			
Electrical downtilt (°)	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 15...14...13			
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2x43dBm carrier)	≤-150 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	250			
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)	1360x320x105
Packing size (mm)	1625x420x2 05
Antenna weight (kg)	12.8
Installation kit weight (kg)	5.3
Packing weight (kg)	20.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	514/140/574
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



1710~1880MHz

1920~2200MHz

2200~2500MHz

2500~2690MHz

