

XXPoI 1710~2170MHz×2 33° 20.5dBi 0°~10° Manual or by optional RCU (Remote Control Unit)

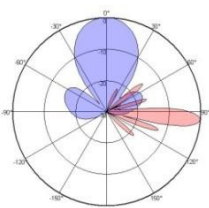
Antenna

Electrical specifications

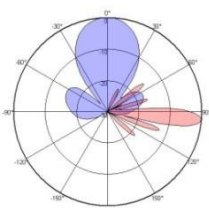
Frequency Range(MHz)	1710-2170 ×2		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	20	20.3	20.5
Horizontal 3dB beamwidth (°)	36	33	30
Vertical 3dB beamwidth (°)	7.5	7	6.5
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15 (±15°≥10)		
Electrical downtilt (°)	0~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 15...15...14	0°...5°...10° 15...15...14	0°...5°...10° 15...15...14
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Isolation: inter-system (dB)	≥30		
Intermodulation IM3 (2×43dBm 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

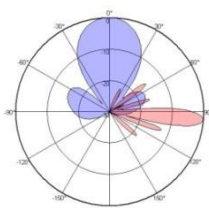
Connector	4×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1360×530×115
Packing size (mm)	1725×605×235
Antenna weight (kg)	24.1
Installation kit weight (kg)	4.9
Packing weight (kg)	33.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	811/204/906
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



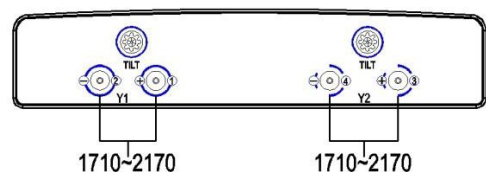
1710~1880MHz



1850~1990MHz



1920~2170MHz



1710~2170

1710~2170