

XXPoI 1710~2170MHzx2 65° 15dBi 0°~12° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	1710-2170 x2		
	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)	0°...6°...12°	0°...6°...12°	0°...6°...12°
(First sidelobe above main beam)	15...15...14	15...15...14	15...15...13
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Isolation: inter-system (dB)	≥30		
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	4x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	800x320x80
Packing size (mm)	1130x410x185
Antenna weight (kg)	8.9
Installation kit weight (kg)	3.7
Packing weight (kg)	16
Wind load (N,at 150km/h)	288/50/321
Frontal/Lateral/Rearside	
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

