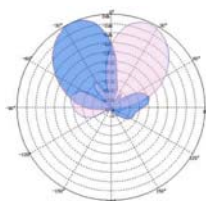


XXPoI 790~960MHz×2 Dual-beam 33° 17.5dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

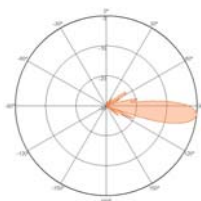
Frequency Range(MHz)	790~960		
	790~862	824~894	880~960
Polarization	±45°		
Gain (dBi)	17.3±0.4	17.4±0.4	17.5±0.7
Horizontal 3dB beamwidth (°)	41±2 (Beam center:±30°)	40±2 (Beam center:±29°)	38±2 (Beam center:±28°)
Vertical 3dB beamwidth (°)	10.5±0.6	10.2±0.6	9.6±0.5
Front-to-back ratio (dB)	>28(copolar at 180°)	>28(copolar at 180°)	>28(copolar at 180°)
Cross-polar ratio (dB)	>15(at Boresight)	>17(at Boresight)	>18(at Boresight)
Electrical downtilt (°)	2~12		
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>16	>16
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Isolation: inter-system (dB)	Beam//Beam ≥16		
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
RET Model	TRCU-TQ10P2V01(Replaceable, Included)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

Mechanical specifications

Connector	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1980×499×178
Packing size (mm)	2360×620×330
Antenna weight (kg)	30.8
Installation kit weight (kg)	5.4
Packing weight (kg)	43.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1238/332/1306
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



Horizontal pattern



Vertical pattern

