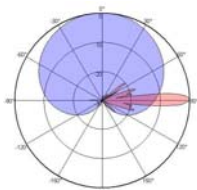


XPoI 698~960MHz 90° 16dBi 2°~10° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

Frequency Range(MHz)	698~960			
	698~806	790~862	824~894	880~960
Polarization	±45°			
Gain at mid tilt (dBi)	15.3	15.7	15.9	16.0
Gain over all tilts (dBi)	15.2±0.5	15.5±0.4	15.8±0.4	15.8±0.4
Horizontal 3dB beamwidth (°)	88±4	86±3	84±3	85±3
Vertical 3dB beamwidth (°)	9.2±0.7	8.5±0.5	8.0±0.4	7.7±0.4
Front-to-back ratio (dB)	>26	>25	>25	>25
Cross-polar ratio (dB)	>20(0°)	>20(0°)	>20(0°)	>20(0°)
Electrical downtilt (°)	2~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	>19	>19	>18	>17
VSWR	≤1.5			
Isolation: intra-system (dB)	≥30			
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	400			
RET Model	TRCU-TM10P1V01(Integrated, Replaceable)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications

Connector	2×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	2580×300×146
Packing size (mm)	2985×395×220
Antenna weight (kg)	24.9
Installation kit weight (kg)	5.5
Packing weight (kg)	35.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	949/326/1127
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



698~960MHz

