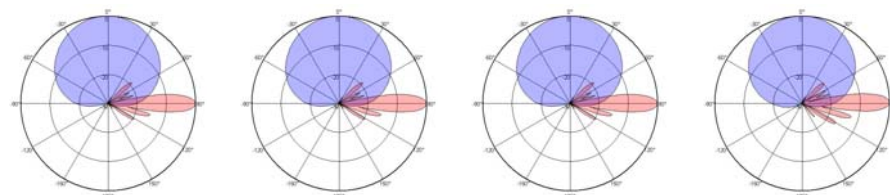


XPoL 698~960MHz 65° 16.5dBi 0°~10° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications				
Frequency Range(MHz)	698~960			
	698~803	790~862	824~894	880~960
Polarization	±45°			
Gain at mid tilt (dBi)	15.5	16	16.2	16.5
Gain over all tilts (dBi)	15.3±0.5	15.8±0.4	16.1±0.4	16.5±0.4
Horizontal 3dB beamwidth (°)	69±2.1	66±2.0	64±1.8	62±1.6
Vertical 3dB beamwidth (°)	11.2±0.9	10.2±0.5	9.8±0.6	9.2±0.5
Front-to-back ratio (dB)	>27	>27	>29	>27
Cross-polar ratio (dB)	>30(±60°>11)	>28(±60°>10)	>32(±60°>10)	>31(±60°>10)
Electrical downtilt (°)	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>18	>16
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	300			
RET Model	TRCU-TM10P1V01(Replaceable, Integrated)			
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)	1980×300×146
Packing size (mm)	2360×400×280
Antenna weight (kg)	18.4
Installation kit weight (kg)	5.4
Packing weight (kg)	28.4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	732/248/870
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



698~803MHz

790~862MHz

824~894MHz

880~896MHz

