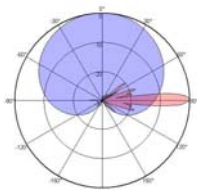


XPol 698~960MHz 90° 15dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

Frequency Range(MHz)	698~960			
	698~806	790~862	824~894	880~960
Polarization	$\pm 45^\circ$			
Gain at mid tilt (dBi)	14.3	14.5	14.7	15.0
Gain over all tilts (dBi)	14.1 $\pm$ 0.5	14.3 $\pm$ 0.5	14.5 $\pm$ 0.4	14.8 $\pm$ 0.4
Horizontal 3dB beamwidth (°)	88 $\pm$ 4	86 $\pm$ 4	84 $\pm$ 3	84 $\pm$ 3
Vertical 3dB beamwidth (°)	11.5 $\pm$ 0.8	10.4 $\pm$ 0.7	9.7 $\pm$ 0.7	9.2 $\pm$ 0.6
Front-to-back ratio (dB)	>25	>24	>24	>24
Cross-polar ratio (dB)	>20(0°)	>20(0°)	>20(0°)	>18(0°)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>17	>17	>16
VSWR	≤ 1.5			
Isolation: intra-system (dB)	≥ 28			
Intermodulation IM3 (2 $\times$ 43dBm carrier)	≤ -153 dBc			
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 $\times$ 4.3-10-Female
Connector position	Bottom
Height $\times$ width $\times$ depth (mm)	1980 $\times$ 300 $\times$ 146
Packing size (mm)	2360 $\times$ 400 $\times$ 280
Antenna weight (kg)	18
Installation kit weight (kg)	5.4
Packing weight (kg)	28
Wind load (N, at 150km/h) Frontal/Lateral/Rearside	745/228/832
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	$\Phi 50 \sim \Phi 115$



698~960MHz

