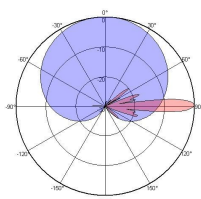


XPol 698~960MHz 90° 15dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna
Electrical Specifications

Frequency range(MHz)	698~960			
	698~806	790~862	824~894	880~960
Polarization	±45°			
Gain at mid tilt (dBi)	14.3	14.5	14.7	15.0
Gain over all tilts (dBi)	14.1±0.5	14.3±0.5	14.5±0.4	14.8±0.4
Horizontal 3dB beamwidth (°)	88±4	86±4	84±3	84±3
Vertical 3dB beamwidth (°)	11.5±0.8	10.4±0.7	9.7±0.7	9.2±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 (2×43dBm 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)	1980×300×146
Packing size (mm)	2360×400×280
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)	Φ50~Φ115



698~960MHz

