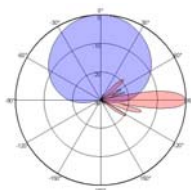


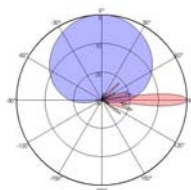
XPol 698~960MHz 65° 17.1dBi 0°~8° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications				
Frequency Range(MHz)	698~960			
	698~803	790~862	824~894	880~960
Polarization	$\pm 45^\circ$			
Gain at mid tilt (dBi)	16.3	16.8	16.9	17.1
Gain over all tilts (dBi)	16.1 ± 0.4	16.6 ± 0.4	16.7 ± 0.4	16.9 ± 0.5
Horizontal 3dB beamwidth (°)	71 ± 3.2	69 ± 1.8	68 ± 2.5	65 ± 2.3
Vertical 3dB beamwidth (°)	8.9 ± 0.7	8.2 ± 0.3	8 ± 0.3	7.5 ± 0.3
Front-to-back ratio (dB)	>27	>28	>29	>29
Cross-polar ratio (dB)	>22($\pm 60^\circ$ > 15)	>21($\pm 60^\circ$ > 13)	>20($\pm 60^\circ$ > 14)	>18($\pm 60^\circ$ > 11)
Electrical downtilt (°)	0~8			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>18	>17	>17
VSWR	<1.5			
Isolation: intra-system (dB)	≥ 30			
Intermodulation IM3 (2×43dBm carrier)	$\leq -153\text{dBc}$			
Impedance (Ω)	50			
Max. power per input (W) @50°C	400			
RET Model	TRCU-TM10P1V01(Replaceable, Integrated)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

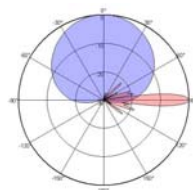
Mechanical specifications	
Connector	2×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	2580×300×146
Packing size (mm)	2960×400×280
Antenna weight (kg)	22.7
Installation kit weight (kg)	5.3
Packing weight (kg)	33
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	949/326/1127
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	$\Phi 50\sim\Phi 115$
Installation kit model	51AA



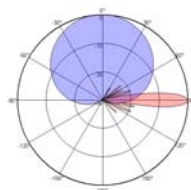
698~803MHz



790~862MHz



824~894MHz



880~960MHz

