

XPol 698~960MHz 65° 16dBi 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 (dBi)	15.3±0.3	15.5±0.4	15.8±0.5	16±0.5
Horizontal 3dB beamwidth (°)	68±2.1	66±2.0	64±1.8	62±1.6
Vertical 3dB beamwidth (°)	11.5±0.8	10.7±0.5	10.1±0.6	9.6±0.5
Front-to-back ratio (dB)	>26	>25	>25	>24
Cross-polar ratio (dB)	>20(±60°>11)	>19(±60°>10)	>18(±60°>10)	>18(±60°>10)
Electrical downtilt (°)	0-10			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>17	>16	>16
VSWR	<1.5			
Isolation: intra-system (dB)	>28			
Intermodulation IM3 (2x43dBm carrier)	≤-153 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	300			
RET model	TRCU-TM10P1V01(Integrated, Replaceable)			
RET protocol	AISG 2.0 SRET			
Lightning protection	DC Ground			

Mechanical specifications	
Connector	2x4.3-10 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

