

XPoL 698~960MHz 65° 14.8dBi 0°~14° 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)	14.2	14.4	14.7	15.0
Gain over all tilts (dBi)	14.0±0.3	14.2±0.3	14.5±0.4	14.8±0.3
Horizontal 3dB beamwidth (°)	68±2.4	66±2.1	65±2.0	64±2.2
Vertical 3dB beamwidth (°)	16.5±1.2	15.2±1.0	14.6±0.8	13.5±0.8
Front-to-back ratio (dB)	>24	>26	>25	>25
Cross-polar ratio (dB)	>18(±60°>12)	>18(±60°>10)	>17(±60°>10)	>17(±60°>8)
Electrical downtilt (°)	0~14			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>17	>15	>15
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)	1380×300×146
Packing size (mm)	1765×400×280
Antenna weight (kg)	13.4
Installation kit weight (kg)	5.3
Packing weight (kg)	22
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	481/248/538
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

